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The



CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2.

Registered as a Newspaper

3466
L. CXLVI

JULY 13, 1946

Annual Subscription (with
Diary) 25/- Single copies 9d.

PENICILLIN LOZENGES—M&B

PENICILLIN LOZENGES—M & B are designed for the oral treatment of all infections of the mouth and throat which are known to be caused by the organisms sensitive to Penicillin, notably Vincent's infection.

Each lozenge contains 500 international units of Penicillin (Calcium Salt) in a special lozenge base. They will retain their potency for approximately four months under ordinary cool conditions, and longer when refrigeration is possible.

Containers of 50 lozenges



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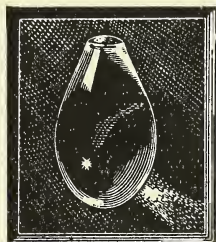
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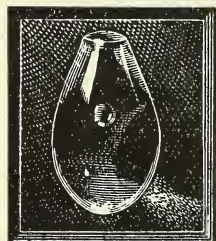
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for all house-
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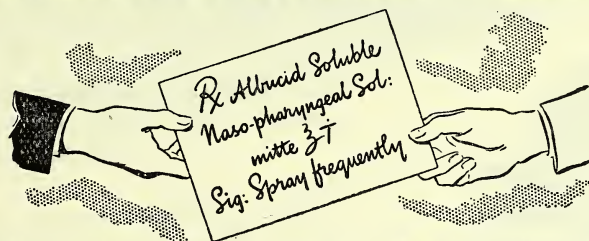
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Sales the last six months were more than **double** those of the previous half year **and are still soaring!**

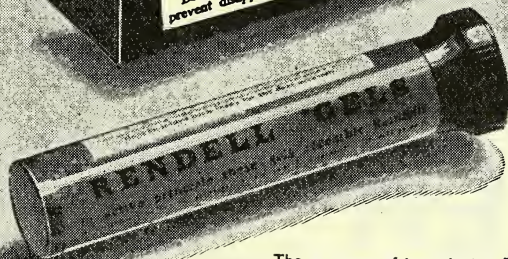
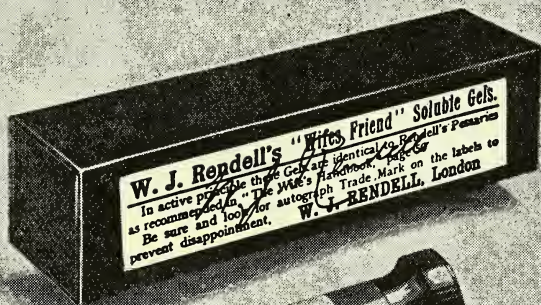
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URILLAC

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Supplies are immediately obtainable from your usual wholesaler at the following P.A.T.A. rates.

Quantities up to 6 dozen tubes at

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Not less than 6 dozen tubes at

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Retail price 2/6 per tube.

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**THOUSANDS
of booklets**

**HUNDREDS of
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*have sent
hundreds of
thousands
of bottles of*

MENOPAX
to.....

thousands of chemists to
give benefit to countless
numbers of middle-aged
women resulting in sub-
stantial profit to chemists.

Are you getting your share ?

The trained mind of the pharmacist puts him in a unique position to view the public in cross-section. It is interesting to him to study the various types who come to him for their needs and for his advice.

Customers vary . . .



Here's **THE WOMAN WHO DOES WITHOUT**—worries herself to a shadow about food for her family but doesn't eat enough herself. *She* could do with a cup of the Benger's she gives her husband and the children every night. It would rest her, build up her strength and fortify her digestion against the danger of serious illness. *She* can't afford to be ill. Yet, note, *she* can afford to buy Benger's for the family and does—the No. 2 size in for economy . . .

**.. but you can invariably
sell them —————**

BENGER'S

**90% of your customers need Benger's
and are being educated to ask for it.**



Available in Tins in good quantities

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Sales of NEVILLE'S—the double strength Effervescent Health Salt in the new and attractive Tins are growing throughout the country. What are you doing about it? **ORDER NOW** and make sure of your share.

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COST PRICE 14/- Per dozen,
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Also in handy Flask size as advertised.

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plus 16½% P. Tax.

Multiples of 3 and 4 dozen Carriage Paid

NEVILLE'S
EFFERVESCENT
DOUBLE STRENGTH
Health Salt

Made by :—

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Manufacturing Chemists

LEVENSHULME, MANCHESTER, 19

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A well
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reputable
line
by



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SUTTON

DICEY'S
Dr. Bateman's
DROPS

FOR COLDS AND INFLUENZA
The oldest established preparation of
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for **THREE CENTURIES**. Sells well
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or direct from

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Snowfire
FACE POWDER
AND CREAM

NEW HAND BAG CONTAINS
Hd. ALSO LARGER SIZE.
Snowfire, Peach, Rivers and Tropical Tan shades.

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In five skin-flattering
tones—Naturelle,
Rachelle, Peach,
Rivers and Tropical Tan.



Snowfire
POWDER-CREAM

NEW HAND BAG CONTAINS
Hd. ALSO LARGER SIZE.
Snowfire, Peach, Rivers and Tropical Tan shades.

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Snowfire
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FACE POWDER
POWDER-CREAM

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Snowfire, Peach, Rivers and Tropical Tan shades.

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Snowfire
Vanishing Cream

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Snowfire

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You can't lose by stocking **BABLETS**. We guarantee the sale. Order a stock now from your usual wholesaler.

Bablets

PATA



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Calamine Treatment at its Best!

ESOBAN

Cream of Calamine

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The **VITAMIN
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With Vitamins (A. 6,500 I.U., D. 400 I.U.)
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Licoricine
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PATA FENOLIN FLUID PATA

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NEWCASTLE - ON - TYNE

**Compressed
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Reasonable estimates.

Clients' own material operated if desired.

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the few
**TO WHOM IT MAY
CONCERN**

Of the thousands of chemists responding wholeheartedly to our appeal for the return of empty Ribena bottles, a few are disappointed because they do not receive a full normal quota immediately.

Unfortunately, these few do not realise that it takes anything up to three months for empties to reach us. And bottles are too scarce to permit us to send full supplies until the empties do arrive.

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BLACKCURRANT SYRUP

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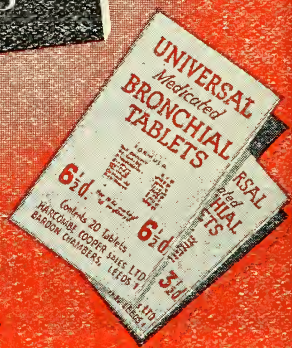
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THE SUPREMACY OF
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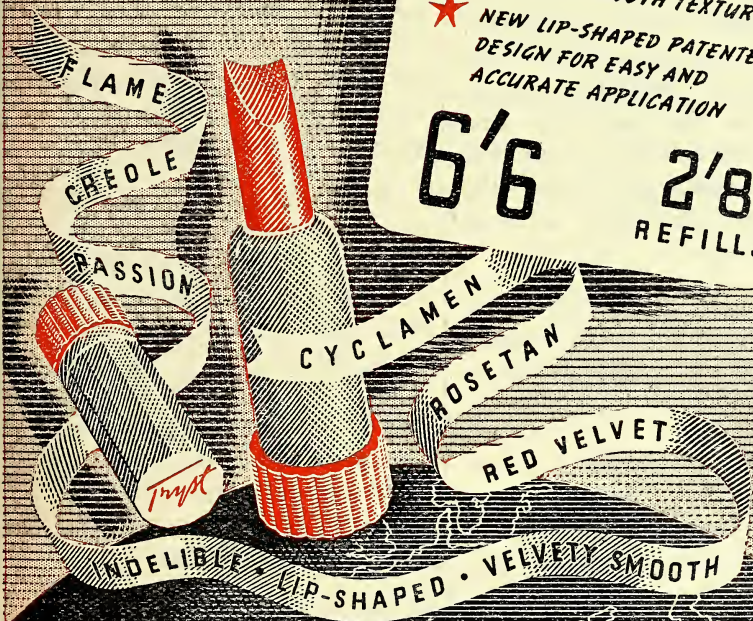
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Some firms, like some cars, will leap off the mark and in a flash will take the lead — and hold it.

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We hold that good merchandise first and foremost implies a product that is therapeutically sound and will do its job with conspicuous excellence. Secondly, it must give a service millions want; preferably one they've never had before. From the pharmacist's point of view, that means opening up an entirely new field, not giving him a duplicate of another's success and saying in so many words, "Give us the business you give the other fellow."

Any manufacturer can duplicate. We hope to make a more significant contribution — one that will increase the scope of the pharmacist's service to the public, widen his field of usefulness to the community and with it, increase his stable turnover.

But who induces such new turnover? We accept that responsibility in full. We believe in planning in the light of market as well as medical research, in scientific advertising, good packaging, and good display.

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For we are out to build *his* business as well as our own and we can get no success save that which is shared with him.

Simpson's is strictly C.F.

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*Have pleasure in announcing that the
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(Ergometrine Tartrate)

Bottles of 10 c.c. oral solution.

BELLADENAL

Tubes of 20 tablets.

Bottles of 100, 250 & 500.

BELLERGAL

Bottles of 25, 100, 250 & 1,000.

CALCIBRONAT

Boxes of 5 ampoules of 10 c.c.

CALCIUM SANDOZ

Ampoules.

Boxes 5, 20 & 100 of 10 c.c. 10%

Boxes of 2, 10 & 150 of 5 c.c. 10%

Boxes of 3 & 10 of 2 c.c. 10%

Boxes of 5 & 20 of 10 c.c. 20%

Boxes of 2 & 10 of 5 c.c. 20%

CEDILANID

Bottles of 10 & 100 c.c. oral solution.

Boxes of 6 & 30 of 2 & 4 c.c. ampoules.

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Boxes of 3, 6 & 40 of 2 & 4 c.c.
ampoules.

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FEMERGIN

All sizes of tablets, oral solution and
ampoules.

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containing 3 mg. & 10 mg.

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Bottles of 10 c.c. oral solution.

Bottles of 10 & 50 tablets.

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Boxes of 3, 6 & 50 ampoules.

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The modern luxurious lathering
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*For all shades of hair, and all
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**Packed in Tubes. Retailing 7½d. Display
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SOAPLESS SHAMPOO

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**... IS THE WORLD'S FINEST
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EVERCREECH, SOMERSET

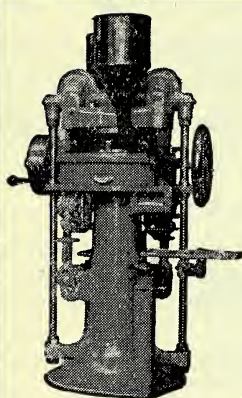
MANESTY

TABLET MAKING MACHINERY

 <p>MANESTY F TABLET MACHINE — OUTPUT 90 PER MIN. FOR TABLETS UP TO $\frac{3}{4}$" DIAM.</p>	 <p>MANESTY N1 TABLET MACHINE — OUTPUT 90 PER MIN. FOR TABLETS UP TO $\frac{1}{2}$" DIAM.</p>	 <p>MANESTY E TABLET MACHINE — OUTPUT 90-100 PER MIN. FOR TABLETS UP TO $\frac{1}{2}$" DIAM.</p>	 <p>MANESTY HAND COMPACT PRESS — OUTPUT 2000 COMPACTS PER DAY</p>	 <p>MANESTY COPPER COATING PAN — STANDARD SIZE 30" DIAM.</p>
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**MANESTY
B.B.3
ROTARY
TABLET
MACHINE**
—
OUTPUT
1000-1500
PER MIN.
FOR TABLETS UP TO $\frac{1}{2}$ " DIAM.



MANESTY

'BB3' ROTARY TABLET MACHINES

For large outputs


Made in two Models

27 Punch model for tablets
up to $\frac{1}{2}$ " diameter,
Output: 10,020 tablets per
minute.


33 Punch model for tablets
up to $\frac{3}{8}$ " diameter,
Output: 12,030 tablets per
minute.

The above outputs are for Machines with
self-contained electric motor drive. We
can also supply variable speed drive giving
increased outputs if necessary.


FULL PARTICULARS ON REQUEST.




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B3
ROTARY
TABLET
MACHINE**
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FOR TABLETS UP TO $\frac{1}{2}$ " DIAM.




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N2
TABLET
MACHINE**
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OUTPUT
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PER MIN.
FOR TABLETS UP TO $\frac{1}{2}$ " DIAM.



**MANESTY
D3
ROTARY
TABLET
MACHINE**
—
OUTPUT
300-350
PER MIN.
FOR TABLETS UP TO 1" DIAM.




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R.S.1
ROTARY
TABLET
MACHINE**
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OUTPUT
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PER MIN.
FOR TABLETS UP TO $\frac{3}{8}$ " DIAM.



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OSCILLATING
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OUTPUT
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LBS.
PER HOUR

MANESTY MIXER

CAPACITY
100 LBS.
OF POWDER

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N3
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30-400
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FOR TABLETS UP TO $\frac{3}{4}$ " DIAM.

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A statement of policy by ADDIS

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We shall not do so for the following reasons :

1. We believe that the wholesale sundriesman performs efficiently and economically a service which is vitally essential to the vast majority of retailers.
2. We believe that the vast majority of retailers share this belief.
3. We consider that the wholesaler can continue to perform his service efficiently and economically only if he has the support of manufacturers of such advertised quick-selling lines as our own.
4. We believe that in the long run it is in our interest to support the wholesaler because he serves your interest.

We ask you therefore to place your order for tooth-brushes with your usual wholesaler. Supplies are still short, but all wholesalers receive a regular allocation and they are co-operating wholeheartedly with us to ensure that every retailer gets his fair and equitable share of the limited quantity available.

ADDIS LIMITED, HERTFORD





POTTER'S ASTHMA REMEDY



Price 2/2 per Tin (inc. tax)
Wholesale 18/- per Doz., plus 3/- per Doz. Tax
Packed in half dozens

Well advertised and world famous
A sound selling line for every Chemist

POTTER & CLARKE L^{TD}

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POST-WAR MARKET NEWS

summarising post-war opportunities, special notices, new packaging and new products

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We gladly admit we are !!! We are hoping that this year will bring the increase in supplies we ourselves wish to give you, and a more efficient service.

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Suppliers of Druggist Sundries, Proprietary lines, Toilet Requisites, Surgical Dressings and Appliances, Contraceptives.

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the words

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were in everybody's mouth. It is too soon to say the same of our famous

GUMS & LOZENGES

but until that happy day arrives supplies are being distributed as equitably as possible.

FRYER & CO. (NELSON) LTD.,
NELSON, LANCs.

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Special designs or stock wordings for all kinds of Toilet preparations

High-class Labels in Continental style for home and export trade

Specialists in Labels of quality by every process

WILLIAM SESSIONS LTD.
THE EBOR PRESS - YORK

POMP

Permanent—Odourless—Moth Proofer

Incorporating
D.D.T. & P.C.S.

A unique combination giving complete and PERMANENT protection from MOTHS and household disinfection of other insects

D.D.T. kills the MOTH that LAID the EGGS
that produce the GRUB
P.C.S. kills the GRUB that causes the
DAMAGE

D.D.T. + P.C.S. = POMP
(The Anti-Moth Equation)

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MAVINS COURT, FARNHAM, SURREY

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Ltd.	Pharmaceutical Specs.
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Ltd.	Ltd.
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JOHN KNOX LTD.

HANLEY & BIRMINGHAM

A reputation for reliability . . .

"Sentinel"

ALL COTTON WOOL

SANI-TOWELS

"with the soft seamless knitted covering"

SIZES 1, 2, 3 AND MATERNITY also

'KUMFEX' SOLUBLE (all with loop ends)

★Supplies unfortunately restricted at present

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'RYTOL' TRADE MARK

A favourite general-purpose developer.

FINE-GRAIN

A developer of the borax-metol-quinol type.

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The most convenient presentation of this popular type of developer.

AMIDOL

The 'Tabloid' product obviates the risk of blemishes due to air-borne particles of amidol.

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A high-contrast developer suitable for line-work.

INTENSIFIER AND REDUCERS, 'TABLOID'

BRAND

CHROMIUM
INTENSIFIER

The reliable all-round intensifier. Produces little increase in graininess.

POTASSIUM
FERRICYANIDE gr. 2

For the preparation of Farmer's Reducer.

AMMONIUM
PERSULPHATE gr. 11

The most reliable presentation of a notably unstable chemical. Its purity ensures certain and uniform reduction.

FOR COLOUR EFFECTS ON PRINTS & SLIDES

TONERS 'TABLOID' BRAND

SEPIA, BLUE, GREEN

STAINS (TINTS)

BLUE, GREEN, RED, YELLOW

MISCELLANEOUS CHEMICALS, 'TABLOID'

BRAND

POTASSIUM
BROMIDE gr. 1

Eliminates the necessity for weighing small quantities of this frequently used substance.

REVERSING
COMPOUND

Suitable for the "Dufaycolor" process. Obviates the necessity for handling sulphuric acid.

WETTING AGENTS

'WELLCOME' BRAND
WETTING SOLUTION

A concentrated solution used at a dilution of 1 in 300.

'TABLOID' BRAND
WETTING AGENT

Each will treat 20 oz. of water or processing bath and is scored to permit of easy quartering for treating smaller quantities.

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183-193, EUSTON ROAD, LONDON, N.W.1

For HYPODERMIC TABLETS



THOMAS KERFOOT & CO. LTD., VALE OF BARDSLEY, LANCASHIRE

WATFORD CHEMICAL Co. LTD.



We have pleasure in announcing to the trade that we have recently been appointed Sole Selling Agents for **PILLODINES** in the United Kingdom and the British Empire, by **MESSRS. DERMENE LTD.**

PILLODINES have proved extraordinarily successful in combating the common cold.

Supplies will shortly be available when a further announcement will be made.

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For RETAILER — WHOLESALE — MANUFACTURER

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NEWS OF THE WEEK

Soap Price Rise.—The Minister of Food has made an order operative as from July 7 amending the Soap (Maximum Retail Prices and Conditions of Sale) Order (No. 177 of 1944) by which the maximum retail price of all brands of hard soap (household bar soap) is raised by $\frac{1}{4}$ d. per lb., owing to increased production costs.

Sulphate of Ammonia Allowance.—To encourage the early purchase of sulphate of ammonia fertiliser the Government is again making a distribution allowance of 6s. per ton on limited quantities of the fertiliser ordered immediately for agricultural use. The Ministry of Agriculture and Fisheries has issued a warning that unless buyers take delivery during the period July to December 1946 of a substantial portion of their total requirements of sulphate of ammonia it will be impossible to deliver their full orders in time for spring application.

Gelatin Control Changes.—The Board of Trade has made the Glue, Gelatin and Size (No. 3) Order, 1946 (S.R. & O., 1946, No. 973), under which control is reimposed

on the supply and acquisition of gelatin; the quantity of gelatin (other than edible) which may be used without a licence is reduced. Licences will be necessary to supply, or to acquire or to treat, use and consume, in any quarter, quantities in excess of (a) 5 cwt. for edible gelatin, or (b) 1 ton in the aggregate for gelatin other than edible. The first quarter will run from August 1, 1946, to September 30, 1946; subsequent quarters from October 1, January 1, etc. Applications for licences should be made to the Board of Trade, Raw Materials Department (R.M.2C), I.C. House, Millbank, London, S.W.1.

Fertiliser Control and Prices.—The Board of Trade has made the Control of Fertilisers No. 31 Order, 1946 (S.R. & O., 1946, No. 975), which prescribes higher prices for superphosphates and compounds containing ammonium phosphate but prescribes lower prices for all other compounds. As from July 1 the rationing of phosphate fertilisers is to be abolished, under the Control of Fertilisers (No. 32) Order 1946 made recently by the Board of Trade. During

the month of July 1946, compounds containing potash can be obtained without permit in England and Wales. No person may acquire, however, a greater quantity of potash than was authorised on his 1945-46 permit. The Order amends the Control of Fertilisers (No. 24) Order, 1942.

Staff Outing.—The staff of Koray, Ltd., 25 Hanover Square, London, W.1, took part in an outing to Eastbourne recently, organised by the staff's newly formed social club.

Thames Valley Officers.—At the annual meeting of the Thames Valley Branch of the Pharmaceutical Society held recently, Mr. I. J. Cunningham was elected *President*, and Mr. A. D. N. Hocking, 12 Broadway, Tolworth, Surrey, *Secretary*.

UNESCO Meeting in London.—The Preparatory Commission of the United Nations Educational, Scientific and Cultural Organisation (Unesco) held the first of a series of meetings in London recently when Miss Ellen Wilkinson was in the chair. The 150 delegates present represented forty-four countries.

Insulin's Silver Jubilee.—The silver jubilee of the discovery of insulin was commemorated at a meeting of the Diabetic Association in London recently. Tribute was paid to work of the late Sir Frederick Banting, in the discovery, and to that of his collaborator, Professor Charles Best, who was present at the meeting.

Russian Scientists' Visit.—At the invitation of the Royal Society the Soviet Academy of Sciences is sending a delegation to the Isaac Newton tercentenary celebrations to be held in London in July. The Physical Society has invited the Academy to nominate a delegation to attend a conference in Cambridge in July and has asked a Soviet physicist to deliver the Guthrie lecture.

First "Betro Review."—The first issue of "Betro Review," produced by British Export Trade Research Organisation for the benefit of members, contains informative articles on export market changes since 1939, the technique of market research, the merchant fleet and the exporter, together with other items of interest to export traders. Further additions to membership of the organisation are recorded.

Distributive Unions to Amalgamate.—The shop assistants' Union and the National Union of Distributive and Allied Workers are to amalgamate as the result of a ballot among their members taken

recently. The amalgamation is to effect from January 1, 1947, and total membership of the combined union covering workers in the retail and wholesale distributive trades, is expected to 380,000, with resources of £1,250,000.

Special Librarianship Discussions.—A study group on special librarianship being organised by the Association of Special Libraries and Information Bureaux (Aslib), in collaboration with the Lib Association, and is to be held at Chancery House, Malet Place, London, W.C.1, during the week of August 12-17. In addition to lectures, talks, and discussions it is hoped to arrange for the group visits to special libraries. Details of the group may be obtained from the Director, Aslib, 52 Bloomsbury Street, London, W.C.1.

Industrial Council to be Revived—A proposal by the Minister of Labour recently provides for reviving the National Joint Advisory Council, which was formed at the beginning of the war. It is proposed that the Council shall meet quarterly intervals and shall deal with principles affecting industry as a whole. Arrangements for joint consultation are to be continued, and the Council is to hold its first meeting in July. The proposal was endorsed by the Trades Union Congress General Council at a recent meeting.

Somerset Committee and N.H.S.—At a meeting of the Somerset Insurance Committee recently Mr. R. W. Feltham (Clerk) welcomed the National Health Service Bill. The Bill, he said, provided not only for the things which the Committee had already sought, but a comprehensive national health service better than any other country could claim to possess. Mr. W. Deacon, M.P.S. (a member of the Pharmaceutical Society's Council), who was in the chair, foresaw danger in the number of provisions left to be the subject of regulations issued by the Minister.

Hull Pharmaceutical Officers.—At the annual meeting of the Hull Chemical Association and Branch of the Pharmaceutical Society recently, the following officers were elected: *President*, Mr. L. Sherwell; *Vice-presidents*, Messrs. B. Foster and T. Harrison; *Treasurer*, Mr. J. Harrison; *Secretary*, Mr. B. Post; *Minute Secretary*, Miss Elsie B. Palm; *Social Committee*, Mesdames Brocklehurst and McNicol and Miss Harrison; *Council*, Messrs. Bays, Barrit, Brocklehurst, Hall, Hindle jun., and Small. Mr. S. also held office as president in 1917-18.

Liverpool Chemists' Visit.—The Liverpool Chemists' Association and Branch of the Pharmaceutical Society has planned a visit to the Pharmaceutical Society's convalescent home, Birdsgrove House, Mayfield, Ashbourne, to take place on July 17. The train will leave Mersey Tunnel entrance, Albert Street, Liverpool, at 1.30 p.m., and the cost is 14s., inclusive of tea (and for members travelling by private car, 2s. 6d. extra). Members wishing to join the party should ask to communicate with Mr. Bernard Kelly (secretary), 14 St. Mary's Road, Liverpool 19, at once, as the accommodation may be exhausted.

Scottish Shop Leases.—Financiers who bought up blocks of property and resold them at exorbitant prices virtually "held the market" at the heads of shopkeepers, said James Stewart (chairman) at a meeting of the Scottish Council of Retail Distributors in Perth recently. Mr. W. Kyle urged shopkeepers to obtain long-term leases for their premises, and, after discussion, the meeting passed a resolution calling upon the London headquarters of the Council to make every endeavour to secure legislation to give Scottish shopkeeper-tenants rights of compensation upon disposal of premises similar to those existing in England and Wales.

Manchester Ladies' Golf.—Ladies' Day of the Manchester Pharmaceutical Golfing Society was held on July 3, together with an annual competition for the Woolley Trophy and replica. Members and their friends were the guests of James Woolley, Esq. & Co., Ltd. In the Trophy competition Messrs. C. L. Compston and R. N. Brown tied with 77: the tie is to be played at a later meeting. In a ladies' putting competition the prize was awarded to Miss P. W. Stuart, after a tie with Mrs. A. Daniels and Mrs. S. Watson. The president, Mrs. J. H. Franklin, gave a special welcome to Commander G. S. Woolley, who had recently returned after six and half years' service in the Royal Navy. Mrs. S. Watson presented the prize to the winner of the ladies' putting competition and a consolation prize to Mrs. Daniels.

Birmingham Local Officers.—At the annual meetings of the Birmingham Pharmaceutical Association, and Branches of the Pharmaceutical Society and National Pharmaceutical Union, held recently, the following committee members were elected:—N.P.U. Branch: Messrs. J. P. Atkinson, E. C. Bennison, D. G. Beck, H. G. Blore, H. Buckingham, G. Goulding (Vice-chairman), S. Harris, W. J. Izon,

H. H. Marshall, W. Martin (Chairman), L. H. Teare, G. H. Walker. Society's Branch Committee: Messrs. J. H. W. Barker, E. C. Bennison, A. M. Carr, G. Goulding (Vice-chairman), F. A. Gunn (Chairman), E. W. Mann, W. Martin, N. R. Parrish, F. W. Sambidge, L. H. Teare, E. C. Thonger, H. Walsh. Association's Council: Messrs. J. P. Atkinson, J. H. W. Barker, D. G. Beck, E. C. Bennison, S. C. Blore, H. Buckingham, H. J. Callow, A. H. Carr, M. A. Clarke (Vice-president), G. Goulding (Vice-president), F. A. Gunn (President), S. Harris, L. W. Hurcomb, W. J. Izon, W. E. Mann, H. H. Marshall, W. Martin, N. R. Parrish, F. C. Pownall, T. Reid, F. W. Sambidge, L. H. Teare, E. C. Thonger, G. H. Walker, H. Walsh. The Secretary is Mr. D. J. Rushton, 2008 Stratford Road, Birmingham, 28.

Commonwealth Science Bureau.—The suggestion of an Empire bureau of scientific information which would provide a "living card-index" of authorities on scientific subjects was put forward at the final session of the Royal Society's Empire Scientific Conference held in London recently. The subject of the session was "The Dissemination of Scientific Information to the General Public," and a plan for such a bureau was presented in a paper prepared by a working party of scientists, journalists, and others under the chairmanship of Sir Richard Gregory, F.R.S. (president of the British Association for the Advancement of Science). A record of all scientific research conducted in Great Britain, the Commonwealth, and, eventually, the world, and the names of the scientists involved, would be maintained by the bureau. The Conference has also issued a report on the natural products of the Empire, in which the recommendations are made that a standing central committee, including representatives of the United Kingdom, the Dominions, India and the Colonies should be set up to advise upon policy for the co-ordination of research, both scientific and economic, into the natural products of the Commonwealth, advice upon their own particular problems to be made available to all Commonwealth countries with the minimum of delay; and that, whilst recognising the desirability of centralising research upon problems common to many parts of the Commonwealth, the Conference supports the view that research upon problems of more local interest should be co-ordinated within regions. The Conference regards advice upon the concentration or regionalisation

of research as an important function of the central committee of the organisation.

Token Imports from U.S.—The Board of Trade announces that arrangements have now been made whereby token imports of a range of goods will be admitted from the United States at the rate of 20 per cent. per annum by value of American manufacturers' pre-war trade with the United Kingdom in the goods in question. The goods include surgeon's rubber gloves, films for photographers' use, brushes, toilet preparations (tooth-paste and powder, lipstick and rouge, face powder, petroleum jelly preparations, hair tonic and brillian-tine and other cosmetics) and toilet requisites. Applications for import licences will be considered only when accompanied by evidence from the U.S. Office of International Trade and Department of Commerce identifying the goods which are the subject of the application with the output of a specified American manufacturer. Such evidence should be applied for by the American manufacturer of the goods or by his export agent in the United States, and when obtained, it should be sent to the importer in the United Kingdom, who will then make application for the import licence. Applications for import licences cannot be considered in advance of the receipt by the Import Licensing Department of the requisite evidence from the American Office of International Trade and Department of Commerce. Premature applications will only prove a source of confusion and will not assist in any way to secure favourable consideration of a subsequent application duly accompanied by the evidence issued by the American authorities. The new procedure does not affect applications for import licences in respect of goods which are not covered by the list of goods subject to the token import policy. Such applications will continue to be dealt with under the existing procedure.

IRISH NEWS

Hospital Salaries Conference.—A conference under the auspices of the Ministry of Health was held in Belfast recently to discuss the remuneration of hospital dispensers and established grades for chemists, pharmacists, single-handed pharmacists, deputy chief-pharmacists, assistant and part-time pharmacists in hospitals. Bodies represented, to whom the recommendations will now be submitted, were the Rate-Aided Hospitals, the British Hospitals Association, and the Association of the Ulster Chemists' Association, which was represented by Mr. H. Gamble (secretary), Mr. J. H. Restr (Royal Victoria Hospital), and Mr. Coulter (Belfast City Hospital). On invitation of the Associates' Section, Mr. T. A. Gibson (president of the U.C.A.), Mr. R. Gibson (vice-president) and Mr. McClenahan (secretary), also attended.

C.F. Secretary in Belfast.—Belfast chemists met on June 17 to hear an address by Mr. R. H. Kemp (secretary of the Chemists' Friends Association). Mr. T. A. Gibson (president of the Ulster Chemists' Association) was in the chair. Mr. Kemp outlined the history and objects of the C.F. scheme, making special mention of the fact that the idea of its formation originated in a resolution passed in 1931 by the executive of the Ulster Chemists' Association during the presidency of Mr. James McDowell. Mr. Kemp complimented Mr. McDowell on the part he had played in the movement. Mr. Kemp said that between 140 and 150 manufacturers, controlling over 4,000 products together with 150 United Kingdom wholesale distributors, now belonged to the Association. He appealed for positive support from retail chemists by encouraging the sale of C.F. goods and window displays and by refusing to display any eligible non-C.F. proprietaries. A vote of thanks was moved by Mr. J. McGregor.



BRANCH OUTING.—Members of Birkenhead Branch of the Pharmaceutical Society photographed during a visit to the Branch to the works of Evans' Medical Supplies, Ltd., Speke, Liverpool, recently (C. & D., June 29, p. 8).

TOPICAL REFLECTIONS

Empire Drug Resources

In an editorial article on p. 17 you call attention to a subject of outstanding importance. Closer collaboration among the scientists of the Commonwealth and Empire, combined with progressive decentralisation, is likely to have as one of its benefits a more convenient distribution of drugs and chemicals throughout the world. The need for an improvement in this distribution has impressed upon me in conversation, a few weeks ago, with a medical practitioner from West Africa: I heard of heartbreaking delays in obtaining essential medicaments from Great Britain, delays accentuated by war-time controls still in force. There seems to be no reason why manufacture and storage, conditioned to a great extent by the raw materials of each dominion and colony, should not be systematically attended so as to reduce and ultimately to abolish delay in supply. The examples given on p. 13 of increasing production are worth study. They illustrate the advantages of combining the experience of the analyst, the chemical engineer and others in enlarging the scope of local enterprise. The first raw material mentioned in your report, shark-liver oil, is, we learn, being marketed in substantial quantities in New Zealand. It would be of interest to know whether the findings of Dr. Norman Evers and Mr. Wilfred Smith in a paper on the classification of fish-liver oils, abstracted in our issue of September 17, 1932, have been used as a basis for further research in this subject.

Carron Oil

Works of reference are, as far as my reading extends, silent about the invention of carron oil, though they state that the name arises from the use of the application of Carron ironworks. With due reserve I should like to put forward the name of John Roebuck (who, by the way, died on July 17, 1794) as the probable or possible inventor. Roebuck was a versatile man of science and a good classical scholar—an unusual combination. He studied medicine at Edinburgh University, but for some reason obtained his M.D. degree at Leyden. In or about the year 1742 he set up in practice in Birmingham. His spare time was mainly spent in chemical experimentation, and eventually he left medicine for chemistry. To him is attributed the invention of the lead-chamber process for the manufacture of sulphuric acid, previously

prepared in glass vessels of very limited capacity and at a relatively high cost. Works for the new process were started at Prestonpans in 1749. Roebuck was the chief founder of the Carron ironworks, where operations were begun on a commercial scale in 1760. So accomplished a chemist may well have thought of combining linseed oil and lime water for the relief of burns. Another possibility is that either Joseph Black or William Cullen, both of whom Roebuck knew, may have devised this long-lived combination. The name of Black is closely linked with experiments on alkalis; his well-known pamphlet on the subject was published in 1777. He was a pupil of Cullen, and when Cullen was appointed to a professorship at Edinburgh Black followed him in the Glasgow chair of chemistry.

"In the Middle of the Night"

During the deliberations of the Standing Committee of the House of Commons on the National Health Service Bill (p. 8), Sir Henry Morris-Jones asserted that the Minister of Health was abrogating the "immemorial custom" of doctors dispensing their own medicines. A once-admired line of a minor Victorian poet reads: "She makes her immemorial moan." It is fitting that we should be reminded of minor Victorians and their choice epithets when a member of Parliament makes his moan in terms like these; for the good Sir Henry is, if I am not mistaken, a little out of date in this matter. His assertion evokes a picture of a medical man visiting a patient in the middle of the night, taking back with him to his surgery a relative of the patient, making up medicine and, no doubt, sending the relative back with an admonition not to lose the precious remedy on the way. Everything, we must assume, goes according to plan. The patient has at hand a tame relative possessed of a car and a sufficient supply of petrol for the double journey: the prescriber is able to impress the visitor with his skill in dispensing "at the mid hour of night." But is this a common experience? My information is that for a night visit a general practitioner takes with him a supply of compressed tablets, and leaves with the patient a few of some kind to last till he calls again. Chemists should ignore the honourable member's reference to the "pittance" for night dispensing. Silence can sometimes be figuratively if not literally golden.

Xrayser

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

IN the House of Commons on July 1, Mr. DYE asked the Minister of Agriculture whether he would state his intentions regarding the control of fertilisers, particularly phosphates and potash, for next season's crops.

MR. TOM WILLIAMS: All restrictions on the purchase and use of phosphatic fertilisers are now being removed but the system of permits for potassic fertilisers will be retained during the 1946-47 season. There is no restriction on the use of nitrogenous fertilisers.

Surgical Corsets

MR. SKINNARD asked the President of the Board of Trade if it was now possible to allow women to obtain surgical corsets on production of a medical certificate showing them to be suffering from enteroptosis, gastropptosis or visceroptosis, notwithstanding the omission of the adjective "severe" before the name of the abdominal disease.

MR. BELCHER (Parliamentary Secretary): No. The present arrangements are necessary to ensure priority for those whose needs are most urgent. For a patient suffering from one of these diseases in a degree other than severe, a medical certificate may be submitted to the Board stating the special reasons why a surgical corset is required. If, in the opinion of the Minister of Health or the Secretary of State for Scotland, the condition justifies it, the necessary authority will be issued.

Soap Substitutes

On July 10, Mr. AUSTIN asked the Minister of Food whether he had any statement to make in regard to the provision to the public of soap substitutes. MR. ARTHUR LEWIS asked whether the Minister was aware that there were a number of cleansing agents containing no oils or fats, and what steps he was taking to encourage their manufacture and distribution.

MR. JOHN STRACHEY: Yes. I am extremely anxious that everything possible shall be done to encourage the development of products which can be used to replace soap, and I have already begun to take steps to encourage production and distribution of these products. Over 1,000 firms have been licensed to produce or market soap substitutes.

MR. AUSTIN: In the distribution of those products, will the Minister see that a reasonable price is charged to the consumer and that no exorbitant prices are allowed?—Certainly.

MR. DAVID ECCLES: Will the Minister also see that those substitutes are first distributed in the hard-water districts? At present there is a fairly good supply but I certainly think that hard-water districts ought to have preference.

MR. DRIBERG: Does the original answer suggest that this research has only just begun? Is that due to any obstruction by officials of his Ministry who are associated with the soap monopoly?

MR. STRACHEY: I did not suggest that nothing has been done before my period of office. I was only claiming that I had taken some further steps in the matter during the weeks I have been in office.

MR. TOLLEY asked how long it would be before the substitutes came on the market and Mr. Strachey replied that a number were already on the market.

Health Bill: End of Committee Stage

During discussion of the National Health Service Bill in Standing Committee of the House, MR. LINSTEAD moved a new clause providing that the Minister should appoint a committee, including persons expert in medicine and pharmacy, and persons having practical experience of the proprietary medicine industry, to prepare, for submission to the Minister, and for review when necessary, a list of medicines containing descriptions of medicines the prescribing of which, for the purposes of the Health Service, was not recommended or with respect to which the public were cautioned as to their use because, in the Committee's opinion, they were without physiological effect or sold at an excessive price. Mr. Linstead said the clause dealt with a certain field of public health which did not find a place in the Bill as it was at present. "I believe the Minister and the whole Committee will be sympathetic to the aims and objects of this new clause though there may be differences of opinion as to the ways and means by which its objects are to be achieved. It ought to be made clear that this clause is not designed to attack the principle of self-medication. We have not got much left that belongs to us today, except possibly our bodies."

think we must retain the right of the ordinary citizen to treat his body in his own way, even in these days of enlightenment. "What this new clause is designed to do," said Mr. Linstead, "is to remedy a situation whereby the new health service is in competition with an uncontrolled health service."

Mr. Linstead pointed out that a Select committee in 1914 had made many recommendations, some of which had been made effective, but a large number of which had not been touched. "I think it is only fair to point out, too, that there has been a good deal of voluntary effort within the industry, by the newspapers, by advertising agents and advertising associations, with the object of curbing the exuberance of advertisers of these medicines, and that has had a very substantial effect, but has only had the effect insofar as it concerns members of various associations."

Mr. Linstead said he thought there was a good deal of deceit of the public in many of these claims, and gross overcharging. Hundreds of examples could be given of advertisements that were open to criticism. Two new developments indicated that this was a field worth looking into. One was a new form of aspirin which was sweetened and flavoured with lemon and sold under the slogan "End that headache by sucking this sweet." That was all right, possibly, for hard-headed politicians, but it was quite another matter with children. The presentation of drugs as sweets represented something of which account ought to be taken. Similarly, there was the development of at least two hypnotics which were sold to the public without control on the basis that they must be taken in order to get a good night's sleep.

The proposed new clause in the Bill, he said, proposed that the work of evaluating and censoring the advertisements of medicines should be in the hands of an expert committee; that the sanction should take the form of publication of a list of medicines which the doctor was recommended not to prescribe.

Separate Legislation Called For

Mr. BEVAN replied that he sympathised with the intention behind the clause very much indeed. "It is not sufficient to say that credulous people ought to pay the price of their credulity. The fact is that many of these noxious nostrums are advertised so agreeably and so seductively that even hard-headed people are taken in by them. It is now one of the great qualifica-

tions of modern advertising that it coerces all kinds of unrelated emotions in the sale of these nostrums."

The matter, he said, was too wide a subject to tuck in at the end of a Committee stage. "It has all kinds of repercussions; it is the kind of legislation which has to be very carefully considered before it is drawn up. The doctors themselves would say that the clause, as at present drafted, is an interference with their right to prescribe. It says that there shall be a committee and that the committee shall draw up, etc. The assumption is that the doctor would be informed by that committee what drug he ought to prescribe for the patient. Hon. members know that all kinds of 'hares' can be started in the medical profession. There are, for instance, the herbalists and other people, who would insist on being heard before legislation of this sort was introduced. I would say, therefore, that whereas, in my opinion, the time has arrived, and indeed is long past, when the public of this country should be entitled to be protected against the ramp that is at present going on, nevertheless it is a subject with such wide repercussions that it must be dealt with in separate legislation."

COLONEL STODDART-SCOTT asked if the Minister would include something in the Bill to set up some kind of committee that could make recommendations to him, or whether he would be prepared to bring forward another Bill to deal with the subject. "To some extent this Bill does coerce doctors. It controls specialists, it induces pharmacists to do certain things and even drives certain opticians out of practice. Nevertheless it permits people to sell things under the guise that they are beneficial for certain ailments."

MR. BEVAN: I am not certain that I have not already the power to interfere.

MR. LINSTAD said that the Minister's words almost echoed those which he heard the Under Secretary use in 1936 about a private member's Bill dealing with the same subject. The implication at the time was that the Government would take the matter up and do something about it. "Am I to gather from what the Minister has said today that he regards this problem as a reasonable priority?"

MR. BEVAN: A legislative matter is not something for one Minister to deal with. All I can say is that I regard it as a matter of some urgency.

Mr. Linstead withdrew his clause.

The Committee stage of the Bill was completed on July 10 (the twentieth day).

ALLEGED FALSE RETURNS

MADAME Lea Espir and Alfred Skelt, Westbourne Street, London, W.2, were summoned by the Customs and Excise authorities at Marylebone recently for offences arising from alleged false returns. It was represented that, between September 30, 1943, and July 6, 1944, with intent to deceive, Lea Espir, trading as Maquillage & Cie, made use of a sales day book purporting to contain a record of all sales of goods chargeable to purchase tax whereas transactions were omitted from the book. There were also three summonses against the defendants alleging that, with intent to deceive, they furnished returns which were false in that they showed that purchase tax payable between October 1, and December 31, 1943, was £3,869, whereas it was more; between January 1, and March 31, 1944, £749, whereas it was more; and between April 1 and June 30, 1944, £940, when it was more.

Partnership and Company

The prosecution stated that Madame Espir was the proprietor of Maquillage & Cie who dealt in cosmetics, and Skelt was an accountant in business and was nominally book-keeper for the firm, but the prosecution alleged that he was as much in control of the business as Madame Espir, although not her partner. Both used the same offices at Westbourne Street. Also occupying the premises was a limited company known as Maquillage & Cie, Ltd., of which Madame Espir was the sole director at the material time. The limited company sold certain cosmetics not subject to Board of Trade control. They drew their stocks from Maquillage & Cie, who manufactured them and sold other lines of cosmetics, with which the case was concerned. Maquillage & Cie was registered for purchase tax, but the limited company was not so registered at the material time. The allegation was that Maquillage & Cie, through Madame Espir and Skeet, sold cosmetics to various people and the sales with which the court was concerned did not go through the books of the company. Consequently, the returns made from the books were false. Sometimes one or other of the defendants sold goods direct to customers and issued invoices for part of the goods sold, but the remainder—the preponderance of the orders—did not appear in the books. Defendants also supplied a large quantity of goods to a witness, who became an agent to sell their goods for them, for the arrangement was that he should supply goods partly on

and partly off invoices; and, whereas I sent the money for goods on invoice through the ordinary channels, he paid over money for goods not on invoices to Skelt and the cash did not go through the books of the company. There was a packaging depot at a place near Tottenham Court Road of which Madame Espir at the time was in charge, and some of the goods dispatched by the warehouse did not appear on the packaging slips. On some occasions packaging slips were not issued.

The Magistrate: They had a book which purported to have records of all the sales and you are going to prove that there were many sales which did not appear, and from that book they made returns which were therefore false?—Prosecution agreed and said that, in addition, it was proposed to prove that there was intent to deceive.

Evidence was given by Charles Henry Brinson, retailer of cosmetics, Fore Street Trowbridge, Wilts, that he had bought goods to the values of £9 14s. and about £3 that he paid the £30 in cash, and that a man named Charles H. Pullen issued him with two invoices, one on behalf of Maquillage & Cie, and the other for Maquillage Cie, Ltd. The £30 invoice had been lost. The hearing was adjourned.

INQUESTS

"Massive" Dose of Luminal.—At St Pancras, London, recently, a verdict that death was due to Luminal poisoning, and that she took her life not being of sound mind, was returned by the coroner at an inquest on Mrs. G. F. Tonks, Balls Pond Road. A Home Office analyst said that from his examination, he formed the opinion that the deceased woman had taken some 30 grains of the drug. The fatal dose was gr.20. Death appeared deliberate.

Overdose of Sleeping Tablets.—At Grimsby on June 4, a verdict of death by misadventure, death being due to hypostatic pneumonia due to coma following his taking an overdose of phenobarbitone to produce sleep, was returned by the coroner of Henry Petch, Grimsby. The widow gave evidence that on April 20 she obtained a prescription from a local doctor and received from the chemist a small box containing fifty pills. These were kept by her husband in his waistcoat pocket by day and under his pillow at night. On April 23 her husband was found in a deep sleep. Under the pillow was the box with 3½ pills.

COMPANY NEWS

REES BARRETT, LTD. (P.C.).—Capital £5,000. Chemists, etc. Edith M. Barrett and Stanley B. Gillatt, directors. R.O.: The Triangle, Clevedon, Somerset.

T. H. BANKS, LTD. (P.C.).—Capital £5,000. Chemists, etc. Directors to be appointed. R.O.: 80 Bispham Road, Louthport.

ROBERTS WINDSOR COSMETIC CO., LTD. (P.C.).—Capital £5,000. Objects and other particulars similar to Roberts Windsor Chemical Co., Ltd.

F. S. PETT, LTD. (P.C.).—Capital £1,000. Chemists, etc. Frederick S., and Lucy E. Pett, and Robert C. Laws, directors. R.O.: Stockton Road, Sunderland.

SANDATORE, LTD. (P.C.).—Capital £2,000. Manufacturers of and dealers in perfumes, cosmetics, etc. Directors to be appointed. Solicitors: Roche, Son & Neale, 42 Bedford Row, London, W.C.1.

C. M. COWIN, LTD. (P.C.).—Capital £5,000. Manufacturers of and dealers in soap, disinfectants, etc. C. M., and Olive Cowin, directors. R.O.: 6 Wosley Road, Wytham St. Annes.

PHARMACEUTICALS (GREAT BRITAIN), LTD. (P.C.).—Capital £1,000. To carry on business as indicated by the title. Directors to be appointed. R.O.: 22 Charing Cross Road, London, W.C.2.

ROBERTS WINDSOR SALES CO., LTD. (P.C.).—Capital £5,000. Import, export and general merchants, etc. Directors and other particulars are similar to Roberts Windsor Chemical Co., Ltd.

ROBERTS WINDSOR LABORATORIES, LTD. (P.C.).—Capital £5,000. Proprietors and managers of laboratories, etc. Directors and other particulars similar to Roberts Windsor Chemical Co., Ltd.

CLEMROW TRADING CO., LTD. (P.C.).—Capital £10,000. Chemists and druggists, manufacturers of polishes, etc. William Clemrow, director. R.O.: Argyle House, 9-31 Euston Road, London, N.W.1.

BALLERINA COSMETICS, LTD. (P.C.).—Capital £10,000. Manufacturers of and dealers in cosmetics, etc. James W. Phillips and Leslie R. Jeffard, directors. R.O.: 29-31 Euston Road, London, N.W.1.

SOUTHERDEN & CO., LTD. (P.C.).—Capital £10,000. Manufacturers of and dealers in chemical preparations, etc. Ivy Souther-

den and Norman T. R. Beadell, directors. R.O.: 26-27 D'Arblay Street, London, W.1.

PAN COSMETICS, LTD. (P.C.).—Capital £100. Manufacturers of and dealers in cake make-up, cosmetics, shampoos, etc. Directors are to be appointed. Solicitor: O. L. Marlow, 19 Ladbroke Grove, London, W.11.

ROBERTS WINDSOR CHEMICAL CO., LTD. (P.C.).—Capital £5,000. Objects as indicated by the title. Gertrude M. Draycott, Geoffrey P., and Wyndham W. Waite, directors. R.O.: 27-28 High Street, Windsor.

JEYES' SANITARY COMPOUNDS CO., LTD.—Mr. R. G. Berchem, M.Sc., general manager, has been appointed a director.

BOOTS PURE DRUG CO., LTD.—Directors' report for the year ended March 31 shows net profit of the group at £826,241, against £730,953 in the previous year. Net profit of the group applicable to Boots Pure Drug Co. is £767,983, less profits retained by subsidiary companies, leaving company's net profit at £619,459. Final dividend is 15 per cent., making 35 per cent. for the year (32½ per cent.); forward £180,887.

BORAX CONSOLIDATED, LTD.—Details of the capital reorganisation were announced recently. The £1,000,000 four-and-a-half per cent. first, and £1,500,000 four-and-a-half per cent. second debenture stocks, will be repaid on January 1, 1947, and May 15, 1947, at 110 per cent. and 103 per cent., respectively. The amount required will be provided by the issue of £1,500,000 out of an authorised amount of £2,000,000 new three-and-a-half per cent. debenture stock at 101 per cent., and by issue of the unissued 200,000 deferred ordinary shares of £1 each at the price of 42s. 6d. per share. The 200,000 new deferred will be offered to the holders of the £1,300,000 deferred ordinary at 42s. 6d. per share in the proportion of two new for every £13 deferred ordinary stock held on June 28. The deferred shares will be converted into stock when fully paid up. New three-and-a-half per cent. debenture stock to an amount of £1,500,000 is to be issued at 101 per cent. The directors have no immediate intention of issuing the balance of £500,000 new stock. The effect of the scheme will be that the company saves in interest charges, £60,000 gross per annum, as against a provision for dividend on the additional deferred.

PERSONALITIES

MR. LEONARD HIGGS (Alfred Higgs, Ltd., chemists, Kingston-on-Thames) has been elected vice-chairman of Kingston Divisional Conservative Association.

MR. GILBERT MILO TURNER, son of Councillor Milo Turner, M.P.S. (deputy mayor of Tamworth), received the degree of M.B., C.H.B., at the congregation of the University of Birmingham on July 5. Mr. G. M. Turner has also received his "University Blue" for tennis.

MR. JOHN FROST, M.P.S., has been inducted president of the Sutton Coldfield Rotary Club. Mr. Frost is also Worshipful Master of the Alchemy Lodge, No. 3950, a founder of the Sutton Coldfield Photographic Society, and a member of the Warwickshire Pharmaceutical Committee.

MR. THOMAS MARNS, M.P.S., a past president of the Pharmaceutical Society of Great Britain, and governing director of Thomas Marns, Ltd., 2 Caxton Street, Westminster, London, S.W.1, is shortly leaving for his annual business trip to the United States and Canada. Mr. Marns expects to be away for ten or twelve weeks.

MR. HAROLD RICHARD WINSTANLEY, M.P.S., Wadsworth Road, Stapleford, has been appointed a Justice of the Peace for the Nottingham Division of Nottinghamshire. Mr. Winstanley is a member of the Beeston and Stapleford urban district council, chairman of the Stapleford and District Savings Committee and of the district Youth Committee, and is a former chairman of the local Ratepayers' Association.

MARRIAGES

HANSON-DODGSON.—On June 30 Laurence Hanson, M.P.S., pharmacist at the County Mental Hospital, Lancaster, to Elizabeth Dodgson, a nurse at the same hospital.

HENNELLY-HEALY.—At An Uaimh recently, Francis Hennelly, M.P.S.I., Clarenorris, co. Mayo, to Mary Healy, Abbeylands.

MORRISON-HUNTER.—In Glasgow, on June 28, Alexander Morrison, to Christian Armstrong, only daughter of the late Mr. John Hunter, M.P.S., 8 Castlemilk Crescent, Glasgow, S.4.

WICKIE-FOX.—At Stoneywood, Aberdeenshire, on June 18, Leslie B. Wickie to Elizabeth Fox, M.P.S.N.I., 318 Stranmillis Road, Belfast.

DEATHS

BLAINE.—At a nursing home in Edinburgh, on June 14, Mrs. Helen Cowan Young Blaine, widow of the late Mr. Thomas James Stewart Blaine, chemist and druggist, formerly of Ayr and Girvan.

CLEGG.—On June 24, Mr. Alfred Joseph Clegg, M.P.S., Newbury Street, Wantage Berks, aged seventy-eight.

DAVIES.—On March 31, Mr. Daniel James Davies, C.B.E., J.P., B.Sc., F.R.I.C., Trade Commissioner for Newfoundland since 1934. Mr. Davies contributed an article to THE CHEMIST AND DRUGGIST (1932. I. 742) on "Cod-liver Oil Industry in Newfoundland."

EVANS.—On June 18, Mr. Moses Thomas Evans, M.P.S., 26 Abbotsbury Road Weymouth, Dorset, aged seventy-eight. Mr. Evans is survived by a daughter, Miss Edna M. Evans, M.P.S., who will carry on the business at Abbotsbury Road.

FORWOOD.—On June 30, Mr. S. Arthur Forwood, managing director of Forwood Bros. & Donaldson, Ltd., merchants, Dashwood House, Old Broad Street London, E.C.2.

GARDNER.—Recently, Mr. J. A. Gardner one of the founders, in 1911, of the Biochemical Society, and its treasurer for over twenty-two years.

HARLEY.—Recently, Mr. David Harley M.P.S., 270 Milton Road East, Joppa Midlothian. Mr. Harley qualified in 1896. After a period with Duncan, Flockhart & Co., Edinburgh, he was in business in Musselburgh for almost forty years, taking an active part in pharmaceutical affairs. For fifteen years he was a member of the Executive of the North British Branch of the Pharmaceutical Society and its chairman for two years. He was for many years member of the (National Health Insurance Pharmaceutical Standing Committee (Scotland) and of the General Council of Panchemists (Scotland), chairman of his local pharmaceutical war committee and a member of the Scottish Central Pharmaceutical War Committee, and the Society's divisional secretary for East Edinburgh and for the Dalkeith district of Midlothian. He served as a member of the committee of the Edinburgh Branch of the Pharmaceutical Society for twenty-one years, and for a term held office as chairman. He retired from active business a few years ago.

HEWITT.—Recently, Mr. John Bertram Hewitt, Woodbury House, Stephens Cross, Sidmouth, Devon. He qualified in 1907.

WILLS

MR. JOSEPH ANDERSON, M.P.S.I., 59 Edenale Road, Ranelagh, Dublin, left £4,656.

MR. ANDREW CRAWFORD, M.P.S., 4 Margaret Street, Greenock, left £2,467.

MR. WILLIAM HENRY REEVE, M.P.S., 10 North Street, Braunton, Devon, left £120.

MR. WILLIAM COOPER, M.P.S., 51 Tatterall Gardens, Leigh-on-Sea, Essex, left £119.

MR. GEORGE GRAHAM DAVIDSON, M.P.S., Edhurst, Lovedale, Balerno, Midlothian, left £1,200.

MR. HENRY TAYLOR HARVIE, M.P.S., Millin Cottage, 10 Lomond Street, Helensburgh, left £19,507.

LIEUTENANT DOUGLAS GRANT, R.A., M.P.S., 3 Calsane Road, Wimbledon, London, left £237.

MR. JOHN CHARLES MASCARENHAS, 108 Buckland Way, Worcester Park, Surrey, formerly in business as consulting chemist, left £4,417, with net personalty £3,377.

MR. ROBERT VIVIAN SUTCLIFFE, M.P.S., 20 Kings Cross, Halifax, left £3,627, with net personalty £3,386.

MR. CHARLES FILTNESS, M.P.S., 2 London Road, Crowborough, Sussex, left £9,076, with net personalty £369.

MR. ARTHUR KNOTT, M.P.S., 22A Station Road, Queens Ferry, Flintshire, left £1,807, with net personalty £248.

MR. CHARLES THOMAS STUTTARD, M.P.S., 17 Walmersley Road, Bury, Lancs, left £11,018, with net personalty £10,839.

MR. JOHN DOUTHWAITE, M.P.S., Front Street, Prudhoe, Northumberland, left £4,005, with net personalty £111.

MR. WILLIAM HENRY HUMFREY, M.P.S., 9 Beach Street, Deal, Kent, left £3,973, with net personalty £3,890.

MR. NEIL CRAWFORD SINCLAIR, M.P.S., 12 High Street, Woolwich, London, S.E.18, left £3,923, with net personalty £2,769.

MR. THOMAS FREEMAN, M.P.S., 13 Hawdon Spinney, Wollaton Park, Nottingham, left £3,173, with net personalty £1,948.

MR. JAMES LEWIS WALTERS, M.P.S., Pharmacy Hall, Llanboidy, Carmarthenshire, left £484, with net personalty £176.

MR. RICHARD HUGHES LANGTON, M.P.S., 87 Station Road, Harlesden, London, N.W.10, left £2,127, with net personalty £1,794.

MR. VINCENT FAVA WOOD, 114 Thurlow Park Road, Dulwich, London, S.E.21, surgical appliance manufacturer, left £207.

MR. WILLIAM OSBORNE SAUL, M.P.S., Aibsey, Iford Lane, Southbourne, Bournemouth, left £605, with net personalty £542.

MR. JOHN EDWARD HODGSON, Ph.C., 2a Swinburne Road, and 14 High Row, Darlington, Durham, left £16,860, with net personalty £9,999.

MR. STANLEY ARNOLD, M.P.S., Harwoods House, Banbury Road, nr. Leamington Spa, formerly of Southsea, left £2,658, with net personalty £548.

MR. EDWARD TAYLOR, Ph.C., Oak Hall, Pleshey, nr. Chelmsford, formerly of Twickenham, Middlesex, left £2,133, with net personalty £1,393.

MR. CYRIL ALBERT VINE, Newlands, Oxford Road, Gerrards Cross, Bucks, a joint manager of Southall Bros. and Barclay (1935), Ltd., left £5,972, with net personalty £4,437.

MR. JOHN WILLIAM EDMONDSON, M.P.S., 24 North Way, Lewes, Sussex, formerly manager of Timothy Whites & Taylors Ltd., Lewes, left £330.

MR. EDWARD WATLOCK ALLEN, 19 Saxonbury Road, Southbourne, Hants, formerly a director of Stafford Allen & Sons, Ltd., manufacturing chemists, London, left £17,954, with net personalty £17,916.

MR. CLIFTON HAWORTH, M.P.S., Spilsby, Eastfield Crescent, Higher Compton, Plymouth, formerly manager of the Mutley Plain, Plymouth, branch of Boots, Ltd., left £4,525, with net personalty £1,461.

MR. ARCHIBALD SEYMOUR HARDING, 113 Bow Lane, Finchley, London, N., formerly of Park Grove, Hull, and a former secretary of the Royal Institute of Public Health and Hygiene, left £7,037, with net personalty £5,401.

MR. CHARLES ARCHIBALD MERRIN, 51 Kingsdown Park, Tankerton, Kent, formerly editor of the "British and Colonial Pharmacist," and of the "Perfumery and Essential Oils Record," left £6,065, with net personalty £6,010.

MR. HARRY SMART, M.P.S., Duncansbay, Church Street, Littlehampton, and 69 High Street, Littlehampton, left £23,833, with net personalty £14,859. He left one year's salary to Mr. A. W. E. Wood, M.P.S., if still in his employ.

TRADE NOTES

Five-day Week.—From July 20 the offices and warehouse of J. F. Macfarlan & Co., 8 Elstree Way, Boreham Wood, will not open on Saturdays.

Dutch Drops and Capsules.—Brook, Parker & Co., Ltd., Bradford, are the suppliers of Forbes' "genuine Haarlem oil" Dutch drops and capsules.

Cartons and Boxes.—Assistance in planning future requirements of cartons, boxes and display papers is offered by J. Dring, Ltd., 34 Harley Street, Portsmouth.

Price Advanced.—An increase in the price of Losall's halibut liver oil capsules is notified by the manufacturers, Lofthouse & Saltmer, Ltd., Hull.

Leeches by Air.—Potter & Clarke, Ltd., 60 Artillery Lane, London, E.1, received recently a consignment of leeches by air from the Continent. Supplies have already been sent to hospitals.

Counter Specialities.—Aspax Chemical Manufactures, Ltd., 32 Shaftesbury Avenue, London, W.1. give details in this issue of a number of counter items which are available from them at the prices stated.

Price Alterations.—The British Drug Houses, Ltd., Graham Street, City Road, London, N.1, state that revised prices for thiouracil, B.D.H., and methyl thiouracil, B.D.H., came into operation on July 1.

Catalogue of Scientific Books.—A "Bibliographical Bulletin" has been issued by Santio Vasia, 71 Via M. Macchi, Italy, which gives a list of scientific works issued in several languages and classified according to subject.

Herbal Laxative.—Lusty's Natural Products Co., 278 London Road, Westcliff-on-Sea, report a steady demand for Herbalene, which is described as a "nature-cure" laxative for people of all ages.

Dial Thermometers.—The British Roto-therm Co., Ltd., Merton Abbey, London, S.W.19, direct attention to their range of dial thermometers and temperature gauges for industrial and commercial purposes.

Tested Glassware.—One of the tests applied to Pyrex graduated glassware during the process of manufacture is described by the makers, James A. Jobling & Co., Ltd., Wear Glass Works, Sunderland in the company's announcement.

Plastic Skin.—A medicated plastic skin designed to provide immediate relief from

mosquito bites, and useful for people with sore and blistered feet, burns, cuts, etc. is offered under the brand name *Porte* by Portland Plastics, Ltd., 6 Victoria Street, London, S.W.1.

Dietary Supplement.—The suitability of Crookes' Vivomin as a pleasant food supplement for nursing and expectant mothers is the subject of an announcement in this issue by the manufacturers, Crookes Laboratories, Ltd., Park Royal, London N.W. 10. Vivomin is issued in 4-oz. tins.

Product of Five Years of Research.—The claim is made by Johnson & Johnson (Great Britain), Ltd., Wrexham and Slough, that, after five years of research in a clinical experiment, they have produced in a new speciality, *Meds*, a sanitary tampon free from the disadvantages of products previously offered on the market.

Distribution Policy.—A statement of policy by Addis, Ltd., toothbrush manufacturers, Hertford, is included in the company's announcement on another page in this issue. The company sets out four reasons why Wisdom and Addis brushes will continue to be distributed through trade wholesalers.

Nursing Exhibition.—The first post-war Nursing Exhibition and conference, organised by Nursing Mirror, Ltd., Dorset House, Stamford Street, London, S.E.1, is to take place at the Seymour Hall, London, W.1 in October. Applications for space at the exhibition should be made on forms available from the promoters.

Photographic Leaflets.—A leaflet on Tabloid photographic chemicals, and a second on Tabloid wetting agents and Wellcom photographic wetting-solutions, have been produced by Burroughs Wellcome & Co. (The Wellcome Foundation, Ltd.), London. The leaflets are attractively coloured, and chemists who would like to use them in counter displays should communicate with the manufacturers.

Mule Spinners' Cancer.—A booklet in which causes of mule spinners' cancer are discussed has been issued by the Manchester Oil Refinery, Ltd., Trafford Park, Manchester. The booklet reproduces a research report on the physical and chemical properties of Puremor 210 special light oil, which has been produced by the company with the aim of eliminating this industrial disease (See *C. & D.*, May 18, p. 630.)

Surgical Appliances.—Established over a century, J. H. Haywood, Ltd., 11 Warser Lane, Nottingham, are manufacturers of padded and seamless elastic hosiery, belts, rings and elastic trusses, etc., and dealers in surgical dressings. Recently the company's application for wholesaler membership of the Chemists' Friends Association has been accepted, but the name of the company is incorrectly given in the announcement. The correct spelling is as above.

Salvage Services' Gift.—Proceeds from petrol derived from empty tooth-paste tubes collected voluntarily during the war have enabled the Container Recovery Service to enable a gift of £10,500 to be handed to the Red Cross and St. John Fund. Over thirty factory and Ministry interests are now participating in the Service, which is operated by the road transport associates of Lever Bros. & Unilever, Ltd. The charges are based on prices paid to the trade plus overheads only.

Non-staining Antiseptic.—A new product described as "the complete antiseptic" has been introduced under the name Streph by Wyeth Laboratories, Ltd., Richmond Street, London, E.13. The preparation is non-irritative, non-staining, and its outstanding feature is that comparatively weak dilutions are effective against all the common types of disease-causing germs, including *Streptococcus pyogenes* and *Staphylococcus pyogenes aurea*. The germicidal activity of the solution is maintained in the presence of blood and pus. Streph is packed in cartoned bottles; a descriptive booklet may be obtained from the manufacturers.

New Penicillin Preparations.—May & Baker, Ltd., Dagenham, have made available penicillin lozenges, M. & B., and penicillin dental cones, M. & B. Both preparations retain their potency for approximately four months under ordinary cool conditions. The lozenges each contain 100 international units of the calcium salt for oral treatment of infections of the mouth, and are packed in containers of fifty. Each dental cone contains 1,000 units of the calcium salt, together with sulphathiazole, gr. $\frac{1}{2}$, and sulphanilamide, gr. $\frac{1}{2}$. The cones are intended for prophylactic use following the extraction of teeth, and they may be inserted in the sockets or crushed into powder and applied by means of a collodion-soaked gauze tampon; they are packed in containers of 100.

Holiday Closings.—The works and offices of ANTISEPTIC PRODUCTS, LTD., and MARK SMITH, LTD., 105 Tonbridge Road, Maid-

stone, will be closed from Friday, August 2, until Monday, August 12, for staff holidays, etc.—The 4702 ORGANISATION, 24 High Street, Wanstead, London, E.11, is closing from Friday August 2 until Monday August 12.—The offices and works of AMBRESIL, Ltd., 31 East Parade, Harrogate, Yorks, will be closed from August 10 to August 17 inclusive.—HARMAN DIETETIC LABORATORIES, LTD., 109 The Broadway, Cricklewood, London, N.W.2, will be closed for annual staff holidays from August 2-12.—The premises of MENLEY & JAMES, Ltd., 119 Coldharbour Lane, London, S.E.5, will be closed on Monday July 22, on the occasion of the company's annual outing.—The offices and factory of PINAUD, LTD., 128 Atkins Road, London, S.W.12, will be closed from Saturday July 27 until Tuesday August 6.

BUSINESS CHANGES

MR. HYWELL C. T. THOMAS, M.P.S., has opened a pharmacy at Deiniolen, Carnarvon.

MR. J. G. ROBERTS, M.P.S., has been appointed pharmacist at the City Hospital, Chester.

MR. O. L. CROSSLEY, M.P.S., has joined Alfred Higgs, Ltd., chemists, 42 Richmond Road, Kingston-on-Thames.

MR. DOUGLAS WILLIAM McCASH has been admitted to the partnership of Slann & Davies, brokers, Lime Street, London, E.C.3.

CAPTAIN G. A. O'DONNELL, M.P.S.I., has been appointed compounder of medicines in Grangegorman Mental Hospital, Dublin, after serving with the Army.

MR. H. F. HUNT has been appointed general sales manager of M. Calthorpe & Co., Ltd., manufacturing chemists, Ossett, Yorks. He has served with the company since its formation.

MR. R. J. HEMBRY, M.P.S., has been appointed manager of Savory & Moore, Ltd., 108 High Street, Oxford, in succession to Mr. H. Price, M.P.S., who is leaving for South Africa.

PAINES & BYRNE, LTD., have taken factory space at Bridgend, Glamorganshire, for the manufacture of catgut. Inquiries should be addressed to the company's head office, Greenford, Middlesex.

MESSRS. J. B. MILLAR, M.P.S., AND FRANK MITCHELL, M.P.S., Leeds, have taken over in partnership the business of Mr. W. Sugden, M.P.S., High Street, Gargrave, Yorks. The business is to be known as Millar & Mitchell.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

A MEETING of the Council of the Pharmaceutical Society of Great Britain was held in London on July 2 and 3, the president (Mr. G. R. Knox Mawer) in the chair. THE PRESIDENT expressed members' pleasure that in the King's Birthday Honours List a knighthood had been conferred upon Harry Jephcott, M.Sc., Ph.C., an auditor of the Society, and a member who had done so much for pharmacy.

THE SECRETARY announced that Major Burnard (Commanding Officer of the Canadian Base Depot Medical Stores) had written to the Society as the last Canadian Army dispenser to leave England. On behalf of the other dispensers who had served in England, he thanked the Society for its kindness and co-operation during the years of World War 2. The lectures and courses made available to Canadian dispensers during their stay in the United Kingdom had proved to be most interesting and beneficial.

Skinner Memorial

A letter had also been received from the North London Pharmaceutical Association stating that a memorial fund had been opened for the late Mr. Herbert Skinner. £179 had been collected, and this would be used to provide certain permanent furnishings in the Codex room at Brunswick Square. Mr. J. C. Young said that, as Mr. Skinner had been chairman of the Codex Committee, and had done a tremendous amount of work on the Codex, the members of the North London Association thought the best way in which to honour his memory would be to affix a plaque in the Codex room of the new building.

It was decided to send greetings and the Society's good wishes to Mr. Kirkpatrick (secretary of the Pharmaceutical Society of Northern Ireland) on his retirement after twenty-one years' service. THE PRESIDENT recalled with pleasure the visit of the Conference to Belfast in 1935, in the organisation of which Mr. Kirkpatrick had played a prominent part.

Dispensing of Penicillin

A reply was received from the Minister of Supply to a letter sent drawing attention to the unsatisfactory way in which the release of penicillin had been handled. The reply stated that several factors that could not be ignored had compelled the introduction of the new arrangements at a shorter notice than the Department would normally have wished to give to all the interested

authorities. It further stated that, in view of the Society's concurrent approach to the Ministry of Health, representatives of both Ministries would welcome the opportunity of a general discussion with representatives of the Society, the National Pharmaceutical Union and the Pharmacopœia Commission. It was agreed to inform the Minister that the Society was glad to accept the suggestion for a discussion.

Students and National Service

In the report of the Education Committee reference was made to a meeting between the secretary and representatives of the Ministries of Labour, Health, and Education on June 28, concerning the deferment of men now commencing studies in pharmacy either at institutions or as articled pupils. The Ministry of Labour representatives had pointed out that there was a distinction between youths becoming eighteen before December 31, 1946, and those reaching that age on and after January 1, 1947. For the latter group the broad principles would be to allow students to complete their studies before undertaking national service, subject to such studies being approved by the Ministry of Labour. It was arranged that the Society should ask for a meeting with the Ministry to deal with the point. In general, the conditions in force since September 1944 would continue to apply to those becoming eighteen before the end of 1946. Those conditions were, briefly, that students of pharmacy were not reserve but, like other students, could obtain deferment to complete a course of study at a recognised institution in preparation for an examination of approximately University Intermediate standard. Under general authorisation, however a limited number of men born after October 1, 1924 and admitted to a University or University College before the end of 1946, may secure deferment until completion of their course at the University, if so recommended to the Ministry of Labour by the Joint Recruiting Board of the University or University College which the candidate wishes to attend. It is not essential that the student shall be reading for a degree.

MR. MELDRUM, submitting the Committee's minutes, said that, during June eleven concessions had been granted to ex-Service men and women in respect of subjects of the Intermediate examination and two in respect of subjects of the Chemist and Druggist Qualifying examination. Eleven applications for the return of

mination fees had been considered and noted. A letter had been received from

Air Ministry stating that, in approved cases, eligible personnel serving in the British Air Force of Occupation might be attached to a unit of that Command stationed in this country to enable them to attend a refresher course at a school of pharmacy. The Committee recommended that Mr. W. Spence Culbert should be appointed invigilator and Mr. Andrew Spicer deputy invigilator for the Society's 46 examinations at Glasgow, and that a commendation by the Birmingham Branch of the Society that the Thomas Chase prize for 1946 should be awarded to Frances Helen Welby should be adopted. The minutes were approved.

Benevolence and War Aid

Mr. J. F. McNEAL submitted the minutes of the Benevolent Fund and War Aid Committee and moved their adoption. The total amount received for the War Aid Fund in June 28 was £40,380, and the total expended to the same date was £12,116. Grants from the Benevolent Fund had been made to six widows, and the Committee commended that grants should be made to five members. An ex-R.A.F. member of the Society had sent a subscription of £1 to the two Funds as an offering on his return to civil life. It was hoped that other ex-Service members would make the same gesture. The minutes were adopted.

Wyn-Jones Fund Appeal

In a letter to the Society, Mr. E. A. Umney (chairman of the Trustees of the Wyn-Jones Memorial Fund) has appealed for help towards meeting applications from pharmaceutical students urgently needing financial assistance to enable them to continue their studies in the 1946-47 session. He has stated that over £1,300 is required to make grants to twelve students, but the fund cannot provide more than £500. All the cases are strongly and independently recommended, and the misfortunes that make the grants necessary are, with one exception, due to the normal hazards of life. So far as can be seen, none of the applicants will be able to continue his or her studies without a grant from the fund. A similar appeal has been made by Mr. Umney to the National Pharmaceutical Union, Proprietary Articles Trade Association and Wholesale Drug Trade Association. The letter was referred for consideration, at the first instance, to the Benevolent Fund Committee.

Proposed Modifications of By-laws

Drafts of amendments to three of the Society's by-laws were read a first time. The first alters section I (4) to provide that, in the case of a pharmacist who satisfies the Registrar that he has attained his seventieth birthday and is not regularly engaged in the practice of pharmacy, the annual retention fee shall, until December 31, 1949, be £1. A proposed addition to the same by-law states that a pharmacist whose name is on the register at the commencement of his service in H.M. Forces as a conscript shall not be required to pay a retention fee, from January 1 immediately following such commencement, during such service, and until January 1 immediately following his discharge therefrom.

The second draft amendment was to Section XI (1), to provide that the auditors shall meet before the annual meeting "at such a time as will enable them to carry out their duties under this by-law." The present by-law requires them to meet "at least two months" before the annual meeting.

A draft new by-law to take the place of Section XIII (2) provides that a vacancy in the Council, the auditors, or the committees shall be reported at the next meeting of the Council and filled as the Council see fit; in the case of a vacancy among the elected members of Council, nominations would be made at the meeting following that at which the vacancy was reported, and the vacancy filled at the meeting after that, the May meeting being disregarded for the purpose.

Conference Guarantee, 1945

It was reported that the amount due from the Society under its guarantee to meet up to a maximum of £100 any deficit in connexion with the British Pharmaceutical Conference held in July 1945 was £46.

Presentation to Retiring President

A replica, suitably inscribed, of the jewel in the chain of office of the president, was presented to Mr. J. C. Young by his successor (Mr. G. R. Knox Mawer) at dinner after the Council meeting. Mr. YOUNG feelingly acknowledged the presentation.

Special Meeting of Council

A special meeting of the Council was held on July 1 to consider the Society's financial position. After discussion it was decided to appoint a committee consisting of the president, vice-president and treasurer, with Messrs. Heseltine, Howells, Meldrum, and Tristram, to examine the position in detail and report to the Council.

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L. CXLVI

JULY 13, 1946

NO. 3466

Nearing the Statute Book

As will be seen, by reference to "The Week in Parliament" on p. 38 of this issue, the National Health Service Bill has now passed its Committee stage and will go forward to the House of Commons in its amended state for final passing. The chief feature of the discussion during the last stages of the debate was a powerful plea by the secretary of the Pharmaceutical Society (Mr. H. N. Linstead, O.B.E., M.P.) for the inclusion of a clause calculated to provide effective control of advertised medicines. Mr. Linstead cogently pointed out the arguments, well known to pharmacists, for stricter supervision of the claims made for such products, and was ready with two particularly glaring examples of what the public should be protected against. It is well that the subject should be kept continually in the forefront, and reputable manufacturers, who form the majority, are so less ready than the remainder of the community for the introduction of suitable restrictions. Nevertheless, there will be general agreement that the Minister of Health (Mr. Aneurin Bevan) was right in contending that so important a subject should not be dealt with as an amendment brought in during the final deliberations in committee, and on a measure mainly concerned with positive proposals for setting up a National Health Service. Whether, as Mr. Linstead and his supporter in the debate (Colonel Stoddart-Scott) were so anxious to find out, the subject is to become a high

priority, is less clear from the Minister's remarks. It is true, as he pointed out, that the subject of legislation to be introduced is one which concerns the Government as a whole and cannot be decided by any one Minister. He gave no indication, however, whether he himself would exert pressure on his colleagues to further this end. Considering the other urgent matters known to be on the Government's programme, it seems unlikely that time will be found in the near future for debate on the subject.

Cosmetics Trade Acclaimed

WHEN a Cabinet Minister goes out of his way to write a personal letter of congratulation to the head of a trade association, it is obvious that the industry concerned merits special praise for its contribution to the National welfare. Mr. Morrison's letter to Mr. L. J. Matchan (chairman of the Toilet Preparations and Perfumery Manufacturers' Federation of Great Britain), reproduced *in extenso* on p. 64, is a document that will be cherished by that organisation as a tribute to the almost superhuman endeavours of the industry to achieve record results in the export field.

According to the latest available overseas trade returns, the value of perfumery and toilet preparations (excluding perfumed spirits; essential oils and soap) sent abroad during the first five months of this year was £1.51 million, or rather more than three times the value of toilet preparations exported in a similar period before the war. In spite of formidable difficulties, such as the need for rehabilitation of the industry, and scarcity of containers and materials, little short of a production miracle appears to have been achieved. On the basis of previous figures, and discounting any further increase in the rate of production, Mr. Morrison's suggested "private target" of £3.5 millions may be passed this year.

Some of the satisfaction engendered by the export success may be dissipated by the less promising outlook for the home trade. Although the principle of "more exports, more home trade" was accepted as a fundamental factor of the export scheme, and may indeed be largely responsible for the extraordinary success achieved, it now appears that the shortage of containers and

materials is likely, for a time at least, to curtail the quantities of cosmetics in the shops for the women at home. The fact that manufacturers have "earned the right to increased quotas for supplies for the home trade" is a worthless concession if the goods cannot be produced. Priority for exports is admittedly essential under present conditions, but if the reward envisaged by the scheme is too long deferred, the force of the export drive may decline.

The arrangement for the importation from the United States of a small flow of token imports of toilet preparations (p. 36) will have little practical effect on the British home market. The new arrangement means that toilet preparations will be admitted to this country from the United States at the rate of 20 per cent. per annum by value of American manufacturers' pre-war trade with the United Kingdom in the goods in question. As the basis of the arrangement is value, the actual imports, on account of the much higher prices now ruling, will probably be in the region of half, i.e., 10 per cent., of those sent before the war. It is difficult to discover the actual value on which the resumed imports of United States cosmetics will be based. According to the "Annual Statement of the Trade of the United Kingdom." for 1937, however, the total value for that year of imports from the United States of "perfumery and toilet preparations and articles used in the manufacture thereof, excluding perfumed spirits, essential oils and soap" was £47,748, 10 per cent. of which represents £4,774, an insignificant figure in relation to the current demand for cosmetic products.

A Worthy Cause

OBJECTS for benevolence are never far to seek, but we think special interest and sympathy will be felt by all who have passed the Pharmaceutical Society's examinations in an appeal which has been made by the chairman of the Trustees of the Glyn-Jones Memorial Fund. The Fund has received applications from a number of pharmaceutical students who cannot, without financial assistance, continue their studies in the 1946-47 session. While there is every desire on the Trustees' part to help, the amount in hand (£500) is not enough

for the demands, which amount to nearly three times that sum. The students' misfortunes are, with one exception, "due to the normal hazards of life." The majority of members of the Society will recall that their student days were never a period of affluence; some may even have experienced real hardship. All the more will they sympathise, therefore, with the plight of the twelve students whose cases are now before the Memorial Fund Trustees, and whose whole careers are in danger.

Empire Scientific Conference Final Recommendations

THE Royal Society's Empire Scientific Conference held its final session in London on July 8. A large number of recommendations were agreed, covering a wide range of scientific subjects of importance to the Empire at the present time. These recommendations have been forwarded to the Official Scientific Conference, which consists of Civil Service scientists from the United Kingdom, Dominions and Colonies. It will be the task of this Conference to consider means of implementing these recommendations.

The Conference will exert a beneficial influence on the progress of scientific co-operation in the Empire and also on the intensification of scientific effort. Perhaps the most fruitful result will be the experience gained by delegates of what is being done in the other Empire countries. The recommendations include a number of specific proposals. In this category are the suggestions for climatic, biological and mineralogical surveys. One particular example was the waste of pancreas suitable for the production of insulin, and to the probable great increase in the demand for this substance, so essential for maintaining life in diabetics.

It was recommended that a standing central committee be set up to advise upon policy for the co-ordination of research, both scientific and economic, into the natural products of the Commonwealth. It was suggested that this committee should include representatives of the United Kingdom, the Dominions, India and the Colonies. What this amounts to is co-operation of the Dominions with the Colonial Products Research Council.

CHIEF OFFICIALS OF DRUG AND PHARMACEUTICAL ORGANISATIONS



**Mr. JAMES DAVIDSON PRATT,
C.B.E., M.A., B.Sc., F.R.I.C., M.I.Chem.E.**

Director and Secretary, Association of British Chemical Manufacturers

NORTH BRITISH BRANCH OF THE SOCIETY

A MEETING of the Executive of the North British Branch of the Pharmaceutical Society, followed by the Branch's annual meeting, was held in Edinburgh on June 26, Mr. John Anderson in the chair at both meetings. The vice-president of the Society (Mrs. J. K. Irvine) was present.

THE CHAIRMAN, in opening the public business of the meeting, paid a tribute to Mr. Milne, who had declined nomination for re-election. They were honoured, he said, by having with them the vice-president (Mrs. Irvine), who was on an unofficial visit to Edinburgh. Pharmacists in the North were proud that the cloak of vice-president should have fallen on the shoulders of a Scotswoman. MR. MACKENZIE said he was proud to welcome Mrs. Irvine, whom he had known for perhaps longer than most of them. She had now almost reached the top of the pharmaceutical ladder and they were proud of her achievement.

MRS. IRVINE, replying, said that she had been touched to receive from all over Scotland letters from people whom she knew only by name and who were pleased to have a Scot as vice-president of the Society.

Annual Meeting of the Branch

MR. JOHN ANDERSON (chairman), on behalf of the Executive and the Society, in welcoming members to the meeting, was sure members would wish to join with the Executive in congratulating Mrs. Irvine and wishing her every success in the position to which she had been appointed. Mrs. Irvine, by virtue of her new office, was now an *ex-officio* member of the Executive and they looked forward to her taking advantage of that privilege.

On the motion of MRS. IRVINE, seconded by MR. KEY, the annual report of the Executive was adopted.

THE CHAIRMAN, presenting the annual report, said that it was a record of work done "by the few for the many." He personally had been criticised for not calling more frequent meetings of the Executive, but the answer was that, collectively and individually, members of the Executive were associated with all the other bodies working in the interests of pharmacy and had many opportunities of meeting and killing two birds with one stone and also of dealing with routine matters between the dates of ordinary meetings.

Looking back over the war years, it could be said with pardonable pride that pharmacy had played a worthy part and

pharmacists, whether in uniform or in overalls, had all done their duty. Peace-time had not lessened the Executive's problem to any noticeable extent. The number of pharmacists demobilised was relatively small and the War Committee found itself powerless to do much about it. The "B" class release of pharmacists in the R.A.M.C. was now very definitely off, while in other units the consent of the individual had not always been forthcoming, due, possibly, to the extent of the financial sacrifice he would be called upon to make. It could only be hoped that a general speeding up of demobilisation would ease the situation before the end of the year. In the meantime the War Committee remained in being, to help pharmacists and demobilised men in any difficulty.

Speaking of the National Health Service MR. ANDERSON said that Scottish pharmacists were still awaiting publication of the Scottish Bill, but the full reports in the pharmaceutical Press on the committee stage of the English Bill made interesting, if not cheerful reading. There was no reason to be dissatisfied in Scotland with the results of their talks with the Secretary of State and others at St. Andrews House. There was still much to be done in the preparing of their case and he would make an appeal to Scottish pharmacists to consider very carefully any requests from the Pharmaceutical Standing Committee. It required time and work to supply the information required, but it would be time well spent and the work would prove interesting. Pharmacists should help the Committee in every way they could and as soon as possible.

There appeared to be a revival in activities in all the Scottish branches and this coupled with the interest shown by so many in the courses of instruction in penicillin dispensing, made one hopeful notwithstanding the lack of interest in the Executive election, in the annual meeting and in the London annual meeting. Pharmacists must adapt themselves to changing conditions and maintain for pharmacy and themselves a worthy place in the future of the health service of the nation.

MR. ANDERSON paid a tribute to the work of the resident secretary and to the staff at York Place.

MR. KNOTT moved a vote of thanks to the chairman for his address and for the invaluable work he had performed during

tenure of office, and the motion was artily endorsed by the members present.

Section Results

The scrutineers' report showed that 3,069 ring papers had been issued, and 621 returned, of which six were informal, giving 615 votes to be recorded. The result of the poll was as follows (elected members in heavy type):—

Messrs.: F. W. M. Bennett, 392; J. Messers, 364; C. G. Drummond, 357; B. Gilmour, 334; T. Mackenzie, 334; Guthrie, 330; R. J. Cowie, 322; J. B. McDonald, 313; W. A. Beattie, 302;

W. S. Culbert, 302; C. Coutts, 292; G. T. Lamb, 285; A. Murray, 263; R. McAdam, 262; T. C. Miller, 249; J. H. Tainsh, 247; C. W. MacFarlane, 245; D. Currie, 237.

H. T. Thomas, 236; W. Hair, 234; H. S. Culbert, 225; R. S. Whitelaw, 214; W. J. M. Key, 212; C. A. Buick, 207; A. Robertson, 183; C. Campbell, 175; J. Weir, 174; J. S. Clark, 170; D. C. Cothill, 118; F. Baillie, 112; S. Hughan, 103; J. M. Williamson, 100; J. Walker, 93; J. McCall, 87; H. B. Dunn, 81.

On the motion of MR. MURRAY a vote of thanks was awarded to the chairman (Mr. John Anderson).

ENEMY TRADERS' LIST WITHDRAWN

An important step towards the restoration of normal international trade has been taken by the Foreign Office and Board of Trade in revoking all existing lists of persons specified as enemy under Section (2) of the Trading with the Enemy Act, 1939. The revocation is given effect by R. & O., 1946, No. 1041. Since the cessation of hostilities, steps have been taken by the Government to reduce the numbers included in the Statutory List. On November 27, 1945, a revision of the Statutory List involving deletion of approximately 45 per cent. of persons then listed was announced. In the meantime, further arrangements have been made to facilitate allied control over enemy assets located outside enemy territory. The United States and French Governments are taking parallel action.

Attention is drawn to the following Orders made by the Treasury and the Board of Trade: 'The Trading with the Enemy (Authorisation) Order, 1946, dated July 6, 1946 (S.R. & O., 1946, No. 1042); 'The Trading with the Enemy (Custodian Amendment) Order, 1946, dated July 6, 1946 (S.R. & O., 1946, No. 1044); and 'The Trading with the Enemy (Transfer of Negotiable Instruments, etc.) (No. 2) Order, 1946, dated July 6, 1946 (S.R. & O., 1946, No. 1043). The general effect of these orders is to authorise, from July 9, trade within neutral countries and other territory, which have at no time been enemy territory, with persons resident or carrying on business therein who continue to be of enemy status and with whom trade would otherwise be unlawful under the trading-with-the-enemy legislation. Board of Trade and Custodian control is removed from moneys or property accruing from such trade. The property in the United Kingdom

belonging to such persons and concerns at the date of the Order and income arising therefrom continue under such control and persons in the United Kingdom who are indebted to or hold property belonging to them should accordingly continue to pay or report such debts or property to the Custodians of Enemy Property. The Treasury Order sanctions assignments of choses in action, etc., and transfers of negotiable instruments as defined therein, made by or on behalf of persons resident and carrying on business in such territories on or after July 9, 1946. As part of the continuing control referred to above, the Board of Trade has made two Orders: 'The Trading with the Enemy (Custodian) Order, 1946, dated July 6, 1946 (S.R. & O., 1946, No. 1039) and 'The Trading with the Enemy (Custodian) (Specified Persons) Order, 1946, (S.R. & O., 1946, No. 1040).

Advice on Traders' Status

The effect of these Orders is to vest in the Custodian certain property in the United Kingdom belonging to any persons whose name was included in the Statutory List current immediately before its revocation. Property so invested, which belonged to persons and concerns who ceased to be enemies in consequence of the revocation of the Statutory List, will, however, be released in due course on application, which should be addressed to the Trading-with-the-Enemy Department, 24 Kingsway, London, W.C.2. The Board of Trade and H.M. Commercial Officers abroad are prepared to advise British traders as to the commercial ability and reputation of prospective agents and customers abroad. Inquiries should be addressed to the Export Promotion Department, 35 Old Queen Street, London, S.W.1.

HEALTH BULLETIN TO PHARMACISTS

THE following abstracts are taken from the eleventh Ministry of Health Bulletin to pharmacists, issued by arrangement with the Pharmaceutical Society.

Diphtheria Immunisation

A NATIONAL campaign for the immunisation of children against diphtheria was launched by the Ministry of Health towards the end of 1940. The long-term intention was to stamp out diphtheria as an epidemic disease. The short-term object was to guard against the danger that diphtheria would increase owing to war conditions. The pharmaceutical Press and pharmacists themselves made an appreciable contribution to the publicity of the campaign. The campaign got under way in 1941. From the next year to the end of 1945—when it was estimated that 58 per cent. of the children under fifteen years of age in England and Wales were immunised—figures for both notifications and deaths declined steadily, with low records established in each successive year. The 1946 figures so far show a slight increase—for the first time since the campaign began. Figures for London and 124 big towns to April 6 this year were 4,066 cases and 125 deaths, against 3,505 cases and 106 deaths in the same period in 1945.

The decline in diphtheria in this country throughout the war is in striking contrast to the position in other European countries, where figures have risen alarmingly during the same period, and diphtheria epidemics have been the worst for fifty years. Germany, for instance, had 282,859 cases in 1942 compared with a pre-war average of 78,452. Increases are reported also from Sweden, Norway, Denmark and Holland.

The campaign is directed towards immunising all children up to the age of fifteen. The Government's immediate target is 75 per cent. of this total. This is regarded as the minimum necessary to maintain progress until diphtheria is entirely defeated as an epidemic disease. The estimated total child population under fifteen in England and Wales at the end of 1945 was 8,786,000. The annual births number between 650,000 and 750,000. The target, therefore, will not have been reached until over 6,500,000 children aged fifteen and under are immunised, and over 500,000 babies are being immunised by the time they reach their first birthday. The percentage of immunised children at the end of each year since the campaign began

was approximately as follows: 1939, 8; 1941, 30; 1942, 50; 1943, 55; 1944, 52; 1945, 58. The total number of children present aged 0-15 who are known to have been immunised is about 5,121,000. Social Survey investigation made in October 1945 revealed that there were no considerable differences between the proportions of immunised children in towns and rural districts, that the average was somewhat lower in the North than in other regions, and that parents of the high education and income groups were slightly ahead of the lower groups in having the children immunised.

The Government has provided local authorities with free prophylactic material and help towards publicity campaign. Other expenses are borne by the local authorities. Present propaganda lays great emphasis on the importance of getting children immunised at what is officially regarded as the best time—just before their first birthday. The welfare authorities have been made responsible, since January 1946, for the immunisation of children under school age. As immunity takes three months to develop and as the epidemic seasons for diphtheria are autumn and winter, special efforts are made each year to get as many children immunised as possible during the spring and summer. Immunised people, if they get diphtheria, nearly always get it very lightly. Of 135,431 children's cases notified between 1940 and December 1944, 17,084 had been immunised and 118,347 had not; and of 3,346 who died, 118 had been immunised and 3,228 had not. Out of every 3 children who die from diphtheria in the years 1942-43, 29 had not been immunised. Facilities for prophylaxis are adequate throughout the country and there is no technical reason why any child should be deprived of the benefits which ensue from this procedure. It is hoped that members of the pharmaceutical profession who meet the public daily in the normal exercise of their duties, will continue to emphasise the necessity for immunisation and reimmunisation.

Tinea Pedis (Athletes' Foot)

ATHLETES' foot in Great Britain is important chiefly in connexion with residential schools, the Fighting Services and the mining industry. In schools, on the whole the infection may be said to be under control. In the Services, infections which

appear to be insignificant at home may be up and cause much disability abroad, especially in tropical regions. In the coal-mining industry attention has recently been drawn to a relatively severe form of tinea pedis which may be associated with warm and humid conditions in the mines and the introduction of pit-head baths. It has been thought that bathroom showers were main sources of the infection.

Prevalence in Britain

Tinea pedis is caused by invasion of the skin of the feet by fungi. There are three which are most frequently associated with this condition: *Trichophyton gypsum*, *Trichophyton rubrum*, and *Epidermophyton floccosum*. In the present English investigation *Epidermophyton floccosum* is the most frequently encountered form. *Trichophyton rubrum*, formerly limited to tropical regions, now accounts for 29 per cent. of current cases in England and lends strength to the view that the increase in tinea pedis observed since the war of 1914-18 is, in part, due to importation of the strain by troops returning for demobilisation. Any part of the foot may be infected in the first instance, but, in nearly all cases, the infection starts in the space between the fourth and little toes. Mild cases are important because they may unwittingly serve to spread the infection, and their numbers may lie between 25 per cent. and 50 per cent. of the numbers examined. In mild cases only a slight scaling of the skin is present. When the inflammation caused by the fungus is more severe the skin becomes red and sheds scales. Still more severe reaction is shown by the formation of vesicles and blebs. Itching is a frequent symptom. In milder cases which have persisted for a long time, a gradual thickening of the horny layer of the skin takes place, and the base of the fold between the toes becomes lined with a whitish, opaque, leathery covering, or the sides of the toes may show small localised thickenings which are often termed "soft corns." In addition to these thickenings, cracks often develop beneath the toes, owing to the loss of elasticity of the skin, due to inflammatory changes. Frequently the infection spreads beyond the fourth space, involving the other spaces, running along the groove beneath the toes or spreading on to the dorsum of the toes and feet. Here also the intensity and the appearance of the skin reaction to the parasitic fungus varies. Sometimes it takes the form of a dry, scaly eruption, at others the lesions may be

vesicular, weeping, or crusted. The nails are apt to become involved and become thickened, opaque, and discoloured, and the skin in other parts of the body may become infected. Diagnosis can only be made with certainty by laboratory examination of scrapings from the affected part. Clinical diagnosis is confirmed by microscopic examination which, in its turn, is checked by the cultivation and identification of the fungus causing the disease. Before specimens are taken for microscopic or cultural examination, the area should be thoroughly cleansed by swabbing it with 70 per cent. alcohol. A scraping should then be taken from the edge of an active, well-inflamed part, or the tops of vesicles snipped off with a pair of sterile, sharp-pointed scissors. The specimen is examined first under low power, and then under high power. The fungus, if present, is seen as a fine branching septate mycelium, breaking up in parts into chains of spores. When the presence of the fungus has been demonstrated, specimens are taken for culture. Where athletes' foot is suspected, the patient should be referred to his doctor for diagnosis and treatment, in the patient's and the public interest. Castellani's fuchsin paint is frequently prescribed. The wearing of one's own rubber bathing shoes in public baths is indicated as a primary measure of protection. In some bathing places the bathers are required to walk through an antiseptic solution, usually sodium hypochlorite or sodium thiosulphate, before entering and after leaving the bath, but recent investigations have thrown doubt on the usefulness of the method. Daily washing of the feet, with special attention to the spaces between the toes, thorough drying and dusting between the toes of a dusting powder containing 1 per cent. salicylic acid in talc or kaolin, should be carried out scrupulously. When a person is known to be suffering from tinea pedis, he should provide himself with several thin cotton socks to be worn under his ordinary socks. The cotton socks are boiled daily after use. The others should be hung up overnight in a cabinet in which is placed a saucer of formalin solution, B.P.C.

Dangerous Birthmarks

It seems absurd to say that the common mole is dangerous, but in certain circumstances a mole may give rise to an extremely malignant tumour and cause the death of an individual often young, and, until the onset of the illness, completely healthy.

This tragic sequence frequently follows an injury which is sometimes accidental, but even more often it follows an ill-advised attempt to get rid of a prominent or dark coloured mole for cosmetic reasons. An analysis of the clinical findings and results of treatment in 107 cases of malignant melanoma (the name preferred for the condition which is also sometimes called naevo-carcinoma) showed that thirty-four died as a direct result of meddlesome and incompetent treatment. Incorrect methods used were: (a) Single excision under local anaesthesia by a doctor or in out-patient department, twenty-eight cases; (b) ligature tied round, two cases; (c) cauterised with solid carbon dioxide, silver nitrate, etc., four cases. If these tumours are so dangerous, what is to be done if a pigmented mole is injured or is seen to be getting bigger? Treatment must under no circumstances be undertaken for cosmetic reasons. If, however, danger is already present, as shown by signs of active growth, the correct treatment is radical surgery. A very wide margin must be taken and the deep surface must also be included in a block of tissue. This, even if the lesion is small, is major surgery to be carried out by an experienced surgeon under general anaesthesia. The first metastases may be in the lymph nodes and these must be carefully watched and removed at the first sign of enlargement. Metastases to the lungs, liver or other organs are common, but cannot be treated. Radiotherapy is also used in the treatment of malignant melanoma, but takes second place to surgery. It is used when the site of the tumour makes surgery impossible, and in older people in whom pigmented lesions are less likely to be of the very malignant type. If it is known that any patient is thinking about having these marks removed merely to improve his, or her, appearance, the danger of incomplete removal should be emphasised, and it should be brought to the patient's attention that effective removal of such a mark may leave even greater disfigurement. Where the patient complains that the mark is showing signs of inflammation and wants ointment to allay it, he should at once be referred to his doctor and warned that his condition may be serious.

Progress in Positive Health

IN his presidential address to the Royal Sanitary Institute Congress by the Chief Medical Officer, Ministry of Health (Sir W. Jamieson) recently, he said that preventive

and curative medicine were drawing close to one another. Advances stimulated by the war included the measures adopted for "telling the public the truth." No longer was the public interested only in disease and its treatment. The continued fall in the still-birth rate, the infant mortality rate and perhaps even the maternal mortality rate, had probably some relationship to the fact that certain essential foods had been secured for the priority classes at low price and that, generally speaking, these classes had the money to pay for them. It had been possible during the war to develop public health laboratory services in areas where such help had not previously been readily available to medical officers of health. This service, together with the blood transfusion service, was to be maintained. The development of blood transfusion in treatment had been accompanied by a better understanding of the part played by the Rh factor in producing neonatal deaths and stillbirths. Now some of these infant lives could be saved and the development of Rh anti-bodies in some Rh negative women prevented.

Call for Sterile Syringes

The occurrence of homologous serum jaundice had led to the knowledge that there was great need for more adequate sterilisation of syringes after intravenous medication. A large proportion of young men who would otherwise have been rejected by the Services could be made fit and competent soldiers by a carefully planned system of physical and mental training. The development of a system owed much to the Medical Research Council for the part played in "personnel research." The success of these various measures made it important that their application to civil life should not be delayed. Another important development had been the beginning of a system of ascertainment of morbidity. Apart from notification of infectious diseases little had been known in the past of what illnesses people suffered from, how long these illnesses lasted, and what kind of incapacity they caused. During the war two kinds of useful investigation into morbidity statistics had been started. One consisted of an analysis of the causes of admission to Emergency Medical Service hospitals of men and women, whether from the Services suffering any disability or civilians suffering from war injuries. These show not merely the most common illnesses and accidents that made people seek hospital treatment but also their age and sex distribution.

& D. DISPENSING PRICE LIST

The following changes took place in June :—

post	per	Due allowance has been made for purchase tax in both cost and dispensing prices	Dispensing price		
			4 oz.	1 oz.	1 dr.
			s. d.	s. d.	s. d.
5 lb.		Acid. boric. pulv. subtil.	0 8	0 2½	—
5 lb.		Alœ Capensis pulv. Amidopyrina	1 8	0 7	0 2
1 oz.		R only	—	7 8	1 1
3 oz.		Argenti proteinas mite	—	—	2 2
5 oz.		Calcii glycerophos.	—	2 4	0 4
3 lb.		Camphora flor. nat.	—	2 0	0 4
4 lb.		Cera alba in massa	2 9	0 9	0 2
3 lb.		Cera alba in placētis	2 10	0 10	0 2
3 oz.		Chlorophyllum (spirit-sol.)	—	7 0	1 0
8 lb.		Cinchonœ succirub. cort. pulv.	3 6	1 0	0 2
10 oz.		Cinchophenum R only	—	—	1 9
7 lb.		Dec. aloesco. conc., B.P.C.	1 6	0 6	0 1
8 lb.		Dec. scoparii conc., B.P.C.	1 8	0 7	0 1
8 lb.		Elixir diamorph. et ter., B.P.C. D.D.	2 6	0 9	0 2
10 dr.		Erythrityl. tetranit. dil. P.I (9)	pergr.	0 3	10 2
5 oz.		Ext. aloes pulvis.	—	2 3	0 4
3 lb.		Ferri et am. cit.	2 4	0 8	0 2
2 oz.		Ferri glycerophosph. pulv.	—	3 4	0 6
7 lb.		Ferri sulphas exsicc.	0 8	0 3	—
3 oz.		Iodoformum	—	3 5	0 6
8 oz.		Iodum	—	2 8	0 5
8 oz.		Ipecac. pulverata	—	8 7	1 3
56 lb.		Linctus diamorph., B.P.C. D.D.	2 6	0 9	0 2
36 oz.		Mangan. glycerophos.	—	5 3	0 9
28 oz.		Ol. abietis	—	4 1	0 7
33 dr.		Ol. cinnamomi	—	—	4 10
74 oz.		Ol. lavandulæ Gall.	—	10 8	1 9
19 lb.		Paraff. molle alb.	0 9	0 2½	—
14 lb.		Paraff. molle flav.	0 7	0 2	—
52 lb.		Potassii citras	1 11	0 7	0 1
84 oz.		Pyrogallol. triacetat	—	—	2 0
29 oz.		Senega rad. pulv.	—	4 1	0 7
60 lb.		Tr. chlor. et morph., B.P.C. P.I (9)	2 9	0 9	0 2
77 lb.		Ung. resord. co., B.P.C.	2 10	0 9	0 2
5 lb.		Ung. resorc. et bism. co., B.P.C.	3 9	1 1	0 2
95 lb.		Ung. rusci co.	3 4	1 0	0 2
51 lb.		Zinci acetat	1 11	0 7	0 1

GLYN-JONES FUND REPORT

The report for 1946 recently issued by the trustees of the Glyn-Jones Memorial Fund is the first to be made for five years, and opportunity has been taken to review the whole period of the Trustees' work.

The fund, the report states, has an invested capital of £4,316, representing £5,718 3½ per cent. conversion loan at cost and £4 invested in National Savings Certificates. The annual income from this source is approximately £200. In addition the fund has received two contributions of £1,000 each from the estate of the late Lord Leverhulme, to be spent at the rate of £200 a year, and five contributions of £200 annually from the Proprietary Articles Trade Association, commencing in 1937. The annual income, therefore, from all sources varies from £200 to £600 per annum, and for the last four years has been £400 per annum. Applications for grants have been received from 356 students and help has been given to 116. The total amount of the grants distributed to applicants is £5,767, representing an average grant of £49 14s. 3d. to each student. The Trustees have not regarded themselves as bound by hard and fast rules in the distribution of the Fund and have always considered each application on its merits. Preference has, however, been given usually to students taking the Chemist and Druggist Qualifying examination. Thus, of 116 grants made, twenty were for the Intermediate (formerly Preliminary Scientific) examination, one for maintenance during apprenticeship, eighty-two for the Chemist and Druggist Qualifying examination, and thirteen for the second year of the Pharmaceutical Chemist Qualifying examination or the Bachelor of Pharmacy degree.

During the war years the older student has tended to disappear from the applicants and this, combined with increased employment, has reduced the number of applications received each year, until they now average fifteen. To offset prosperity shared by many during the war the report refers to the "startling fact" that the average weekly income per member of the families from whom the students who have been assisted come, amounts to only 26s.6d., and this distress is distributed fairly evenly over the country. It is a fact which cannot be too much emphasised, the report continues, that the receipt by a student of a grant from the Fund often has a marked effect upon his performance, both in college and in examinations.

ENGLISH HERB CROP REPORTS

THE following reports on this year's crops of medicinal herbs have been received from growers :—

The Herb Farm, Ltd.—The cold winds following the abnormally warm weather in early spring caused much damage to the culinary herbs, particularly the newly-planted areas. Lavender, was little affected and we expect a normal crop.

Duncan, Flockhart & Co.—We regret that, owing to the very cold spring weather, our important crops of medicinal herbs are only in the seedling stage and it is not yet possible to give an estimate of quantities likely to be harvested.

Bruce Starke & Co., Ltd.—**CHAMOMILE.**—This is looking well, and we have a considerable quantity planted. The work of hoeing has been heavy this year; the plants, however, are looking well and we anticipate a good crop. **LAVENDER.**—This is looking well and will be in bloom during the next fortnight. It has improved with the recent heavy rains. **PEPPERMINT.**—We have only a small acreage of this herb, but the plants are looking healthy and growing well. **ANGELICA.**—We have planted out some one-year-old plants, but do not expect any crop until next season.

Joseph Flemons & Sons, Ltd.—Again we are fully occupied in collecting, buying, drying and processing numerous varieties of English botanicals in large quantities. Owing to the abnormal rainfall most herbage seems to have grown to its maximum height for the time of year. All herbs are very sappy and yield less of dried herb per ton than in a drier season. Owing to the cold spring weather and the lack of sunshine during May and June, many of the plants have been slow in coming into bloom. Although supplies of agrimony, avens, red centaury, cudweed, eyebright, parsley piert, pilewort, wood sanicle, wood betony, mint and marjoram are likely to be limited again this year, there should be a good crop of most of our products but, with our still limited labour, we are fully exercised in coping with the extra supplies brought in by returned servicemen, and with dehydration. The following are a few of the items which we hope to produce during the season, in quantities varying from half-a-ton to 20 tons of each: Box clippings, broom tops, burdock, wild carrot, chickweed, clivers, comfrey root, coltsfoot, colchicum corms, couchgrass, comfrey herb, dandelion roots, digitalis (*purpurea*), dock

roots, elder flowers, elder leaves, fumitory ground ivy, hawthorn berries, black horehound, horse chestnuts, male fern root, mayweed, meadowsweet, blue mallow, mistletoe, mugwort, nettles, privet, poppy petals (fresh), St. John's wort and yarrow the following rubbed culinary herbs: Marjoram, parsley, sage, thyme and mint. Throughout the war we exerted every effort to help our many clients, and it is our desire to continue to assist these friends who have proved most co-operative during the difficult days past.

Potter & Clarke, Ltd.—The herb crops look promising, but conditions are still difficult owing to lack of collectors and scarcity of seeds. On the whole, however, the herb situation looks very good. The six weeks of rain experienced in May and June made up for the early dry weather and the warm showery period which followed made things grow very fast. The difficulty was drying, as the herbs were being brought in wet and sappy; drying space is limited and cannot be expanded owing to the control of material. **PARSLEY PIERT.**—Fair crop but difficult to gather. **CLIVERS.**—Very plentiful; appears to be extremely healthy. **DANDELION LEAVES.**—Short in length and very scarce. **BURDOCK LEAVES.**—Fairly good. This applies also to **NETTLE** and **MUGWORT.** **EYEBRIGHT** and **WOOD SANICLE.**—Very scarce; few collectors. **COMFREY HERB.**—Very good. **WOOD SAGE**, **CENTAURY** and **AVENS.**—Scarce; almost unobtainable in large enough quantities to gather. **MEADOWSWEET.**—Being a water herb and liking wet weather is very good. **AGRIMONY.**—Looks promising, but is scarce owing to the ploughing up of rough land. **MOTHERWORT**, **HYSSOP** and **SOUTHERNWOOD.**—Being cultivated herbs, and owing to the wet weather experienced recently, look very healthy. **RUE.**—Fair. **HOREHOUND.**—Very poor crop. Owing to lack of germination of seed the crop had to be ploughed up. Expensive seed to buy. **CULTIVATED PARSLEY.**—Crops grown on their own look very good but those grown in between other crops are not successful as, owing to wet weather and lack of land workers, the weeds have choked it. **MINT.**—Again no mint; the War Agricultural Committees consider the plant a luxury that can easily be dispensed with. **SAGE.**—Looks promising. **THYME.**—Not very plentiful this season; very expensive crop to grow. **HAWS.**—Promising except where the frost in May took effect.

(To be continued).

OVERSEAS TRADE NEWS

Synthetic Rubber for Russia.—Russia has received 2,500 tons of synthetic rubber as reparations from the "Buna" works in Saxony and Thuringia, in the Soviet occupied zone of Germany, according to the American News Service in Germany. The manager of the works told U.S. journalists that the works were producing monthly total of 1,500 tons, about 60 per cent. of war-time production.

Greek Chemicals Output.—According to a table showing industrial activity in Greece during May 1946, prepared by the Association of Greek Industrialists, the output percentage for chemicals and allied products during that month, compared with 1939 (100 per cent.) was as follows: Fertilisers, 60; soap, 65; acids, 48; turpentine and kerosene, 5; glassware, 69; rubber, 20; olive seed oil, 30; pharmaceutical products, 60. Compared with the previous month, the chemical industry showed an increase of 10 per cent.

Indian Price Regulation for Oilseeds.—Plans for the distribution and price regulation of Indian edible oils and oilseeds have been agreed upon at a conference between trade representatives and the Central Food Department. In view of the recent steep price advances owing to speculation it has been decided to fix prices around the level ruling at the beginning of June. Price control will be uniform in India as from July 1 for a period of two months to enable stocks to be moved quickly. From September 1 prices will be gradually reduced every month with the object of reaching a reasonable level by December.

U.S.—Brazilian Barbassu Agreement Extended.—The extension of the United States-Brazilian barbasu agreement for one year to July 24, 1947, is announced by the U.S. Department of Agriculture. The original agreement covered a four-year period and would have expired on July 25. Under the extended agreement the Commodity Credit Corporation will purchase the entire exportable Brazilian surplus on a basis of \$143 per metric ton f.o.b. Maranhao and at \$141.50, f.o.b. Parnayhba for barbasu kernels. The new prices represent increases of \$16.50 per ton.

U.S. Chemical Industry and Price Controls.—A New York message states that the lifting of price controls in the United States has had little repercussion in the chemical markets. It is generally believed that unless price controls are re-instituted prices

for shellac may double and paint prices rise by 10 to 15 per cent. No price changes have been reported in basic chemicals such as alkalis and acids, but higher prices for lead and copper chemicals are expected in the near future. Prices for pharmaceutical products are likely to remain stable and in the plastic industry, while prices of powders and resins are expected to keep to their level, higher prices for manufactured goods are anticipated.

Indian Exports of Castorseed and Linseed.—A New Delhi message states that the Government of India has decided to permit the export of limited quantities of castorseed to the United Kingdom and Australia during 1946. In April, supplies were distributed to shippers on the basis of their sales to the Ministry of Food during 1941-42. It has now been decided that the export of castorseed to the United Kingdom should be allowed in accordance with the quotas which were in force prior to April. Exports of castorseed to Australia will be allowed on the evidence of a confirmed sale and a letter of credit within the quota fixed. The question of fixing quotas for surplus linseed available for export during 1946 for various countries is under consideration and when these are determined, exports will be permitted on the same basis as is indicated above.

United Kingdom-Ceylon Copra Contract.—The five-year United Kingdom-Ceylon copra contract, fixing exports of desiccated coconut to a maximum of 10,000 tons each year in 1946 and 1947, 15,000 tons in 1948, and 20,000 tons in 1949 and 1950 has been subject to constant criticism by producers. They feel that the contract, which replaces the war-time contract between the two Governments, forces them to accept lower prices and that they could obtain a better profit if they could export their goods freely. The Desiccated Millers' Association, for instance, recently submitted a memorandum to the Board of Ministers averring that this contract would involve the island in an estimated loss of Rs. 112 millions if the present restrictions imposed by the contract were to continue for five years. The Association pointed out that there were no such restrictions in the other big coconut producing countries such as Malaya, India and the Philippines, and also that the prices fixed under the contract were too low in view of the cost of production and the current level of food commodities.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary according to brand or grade.

28 Essex Street, W.C.2, July 10

THE general picture of the chemical and drug markets is one of seasonal quietness, with few price changes to record. One of the results of the revaluation of the Canadian dollar to a level which restores the pre-war parity with the American exchange will be an increase in the sterling cost of imports from that Dominion. The effect on the drug trade is not likely to be serious as only a few items, e.g., cascara sagrada and senega root, are involved. Makers and dealers in the PHARMACEUTICAL CHEMICALS markets report a steady consuming business at stable price levels. BISMUTH SALTS are in very short supply as a result of the current scarcity of the basic metal. Manufacturers hope that the shortage will prove to be of temporary duration, but point out that the forward position of the metal is obscure.

Crude Drugs

Interest in the CRUDE DRUGS section continues to centre on MENTHOL, prices for which remain firm. Brazil reports a shortage of crude oil and mentions an f.o.b. price for menthol considerably higher than that noted last week. Ten cases of Chinese are reported to have been sold afloat. CAPE ALOES continues to be wanted urgently, but supplies are unobtainable on spot and scarce at the source. Demand for ANTIMONY is in excess of current supplies. SUMATRA BENZOIN is not yet available, but supplies are reported to be coming along. As already noted above, BISMUTH METAL is in short supply with the forward position obscure. CASCARA SAGRADA is now offered afloat. CLOVES and other SPICES are quiet and unchanged. Good white COLOCYNTH PULP is reported to be practically cleared and holders of remaining stocks are asking higher prices. Selected grades of TRAGACANTH are scarce and firm.

Essential Oils

Little of interest has occurred during the week in ESSENTIAL OILS and prices remain at the levels recorded recently. Circular No. 26 from the Essential Oils Control announces that NEROLI and PETITGRAIN (French and French North African) have been removed from the scheme of distribution.

Exchange Rates on London

The Canadian Finance Minister announced on July 7 that the Canadian dollar would be at parity with United States currency. The Montreal rate is therefore altered from \$4.43-4.45 to \$4.02-4.04 (see Introduction). Bank of England fixed rates at the opening on Wednesday morning were:—

Centre	Quoted	July 10
* Alexandria ...	Piastres to £	97½-97½
Brussels ...	Francs to £	176½-176½
Copenhagen ...	Kroner to £	19.32-19.36
Dutch West Indies...	Florins to £	7.58-7.62
Oslo ...	Kroner to £	19.98-20.02
Paris ...	Francs to £	479.7-480.3
Lisbon ...	Escudos to £	99.80-100.2
Montreal ...	Dollars to £	4.02-4.04
New York ...	Dollars to £	4.02½-4.03½
Stockholm ...	Kroner to £	16.88-16.92
Zurich ...	Francs to £	17.34-17.36

* Free market rate.

U.S. Drug Market Report

New York, July 10

MORE DDT was produced in America in April than in any of the preceding months of the current year, according to statistics issued by the Chemical Division of the Tariff Commission; 4,140,000 lb. was turned out against 3,380,000 lb. in March. Reports reaching here from Brazil indicate that nearly all the available MENTHOL stocks there are under the control of a syndicate and the sharp rise in the quotation during the week—the product is currently quoted at \$8 to \$8.50 per lb., against \$7 to \$7.25 last week, according to the "Journal of Commerce"—may be followed by a still higher price in the near future. Small lots of Chinese material are reported offered at \$7.75 per lb. but it is not believed here that substantial supplies will be received from this Far-Eastern source before the major consuming season in the United States commences. Consequently, most domestic requirements will have to be met again from South American sources. Meanwhile, official sanction to the shipment of Japanese menthol is being sought by the trade here. Pending the release of bullion for industrial use, the major suppliers of such SILVER SALTS as SILVER CYANIDE and SILVER NITRATE, have withdrawn offerings. Labour troubles at one large manufacturing

ant have intensified the shortage of CAFFEINE, SACCHARIN and VANILLIN. Demand upon the U.S. BOTANICAL DRUG markets has declined during the past week although continuing detentions by the Food and Drug Administration have maintained firm prices. All grades of GUM TRAGACANTH have moved higher despite regular exports now arriving from Iran. It is explained that substitutes which were used during the war years have become considerably tighter resulting in a stronger demand for the natural product. Some Chinese CANTHARIDES at \$7 to \$8 per lb., and several parcels of RHUBARB root of Chinese origin at \$1.65 to \$2 per lb., have been offered here. Indian RHUBARB root is now virtually unobtainable, it is reported. Neither domestic nor export orders for CENEA ROOT are being accepted by dealers, the local market being reported completely bare of supplies. The 1945-46 PYRETHRUM crop in Brazil is estimated at 1,650 metric tons, compared with a preliminary figure of 2,000 tons. The reduction is attributed to a lack of interest on the part of producers because of a drop in prices. The sugar shortage continues to limit the extent of demands for many ESSENTIAL OILS. Recently, there have been substantial offerings of Italian BERGAMOT OIL at much reduced price levels; plentiful stocks are reported from this source. European FLORAL OILS continue in very short supply though some Italian JASMIN has been offered at high prices. ORANGE OIL is in a tight supply position, with the whole of the new Florida production reported well sold ahead.

Pharmaceutical Chemicals

ACETANILIDE.—Quoted by makers at 2s. 5d. per lb. for powder, and 2s. 6d. for crystals.

AMPHETAMINE.—Makers quote at 150s. per lb.

BORAX AND BORIC ACID.—Present prices are:

Compound	Commercial per ton	B.P. quality per ton
BORAX	£ s.	£ s.
Granulated	30 0	38 0
Crystal	31 0	39 0
Powder	31 10	39 10
BORIC ACID		
Granulated	52 0	60 0
Crystal	53 0	61 0
Powder	54 0	62 0

Packed in 1-cwt. bags delivered carriage paid in Great Britain in 1-ton lots and upwards.

BROMIDES.—POTASSIUM, in quantities of 28 lb., is quoted at the following rates per lb. (containers in brackets): 3s. 2½d. (1-lb.); 3s. 1d. (4-lb.); 3s. (7-lb.); 2s. 11½d. (14 lb.);

2s. 10½d. (28-lb.). SODIUM, 1½d. per lb. less, and AMMONIUM, 1½d. per lb. more, than above prices. Prices are net, without engagement.

BRUCINE.—Makers' prices per oz. are:—

Compound	Under 25 oz.	25 oz. and under 100 oz.	100 oz. and under 500 oz.
	s. d.	s. d.	s. d.
Alkaloid ..	1 4½	1 4	1 3½
Nitrate ..	1 3½	1 3	1 2½
Sulphate ..	1 3½	1 3	1 2½

CHLORAL HYDRATE.—Steady; current prices are as follows: 1 cwt., 3s. 10d. per lb.; 56 lb., 4s.; 28 lb., 4s. 2d.; 14 lb., 4s. 6d.; 7 lb., 4s. 9d.; less, 5s. 3d.

GLUCOSE.—Powdered monohydrate for the home trade is quoted as follows: 14 lb.-28 lb., in 14-lb. lots, 11½d. per lb.; 28 lb.-112 lb. in 14-lb. lots, 11½d.; in 28-lb. lots, 10½d.

IODINE PREPARATIONS.—As noted recently, home quotations have been advanced by threepence per lb. New rates per lb. are as follows: POTASSIUM IODIDE, B.P.—112 lb., 9s. 6d.; 28 lb., 10s.; 14 lb., 10s. 6½d.; 7 lb., 12s. 0½d.; 4 lb., 12s. 6½d.; smaller quantities, 13s. per lb. SODIUM IODIDE, B.P.—28 lb., 10s. 5d.; 14 lb., 10s. 11½d.; 7 lb., 12s. 8½d.; 4 lb., 13s. 4½d.; smaller quantities, 14s. 2d. IODOFORM, B.P.—28 lb., 13s. 7d.; 14 lb., 14s. 1½d.; 7 lb., 16s. 3½d.; 4 lb., 17s. 1½d.; smaller quantities, 17s. 11d. IODOFORM CRYSTALS.—2s. per lb. above powder prices. IODINE RESUBLIMED, B.P.—112 lb., 10s. 11d.; 28 lb., 11s. 5d.; 14 lb., 11s. 11½d.; 7 lb., 13s. 9½d.; 4 lb., 14s. 4½d.; smaller quantities, 15s. 1d.

LACTATES.—Prices are as follows: LACTIC ACID.—Six-winchester lots, 3s. per lb.; smaller quantities, 3s. 1d. CALCIUM LACTATE.—Small quantities, 2s. 5d. per lb. CALCIUM SODIUM LACTATE.—Powder, small lots, 3s. 7d. per lb.; 14 lb., 3s. 4d.; 28 lb., 3s. 2d.; granular, one penny per lb. extra.

MAGNESIUM CARBONATE, HEAVY.—Home market prices per lb., in quantities of 28 lb.-1 cwt. are (containers in brackets): 1s. 8d. (1-lb.); 1s. 6½d. (4-lb.); 1s. 5½d. (7-lb.); 1s. 5d. (14-lb.); 1s. 4d. (28-lb.).

MAGNESIUM CARBONATE, LIGHT.—Prices per lb. for the home trade, in quantities of 28 lb.-1 cwt. are (containers in brackets): 1s. 5d. (1-lb.); 1s. 3½d. (4-lb.); 1s. 2½d. (7-lb.); 1s. 1d. (14-lb.); 1s. 1d. (28-lb.).

MAGNESIUM OXIDE, LIGHT.—Current rates per lb., in quantities of 28 lb.-1 cwt., are (containers in brackets): 3s. 1½d. (1-lb.); 3s. (4-lb.); 2s. 11d. (7-lb.); 2s. 10½d. (14-lb.); 2s. 9½d. (28-lb.).

MAGNESIUM TRISILICATE.—Following are the prices per lb. for the home market, in quantities of 28 lb.-1 cwt. (containers in brackets): 4s. (1-lb.); 3s. 10½d. (4-lb.); 3s. 9½d. (7-lb.); 3s. 9d. (14-lb.); 3s. 8d. (28-lb.).

MANDELIC ACID.—In good demand. Current quotations are as follows: 1 lb., 22s. per lb.;

4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb., 15s.

METHYL SALICYLATE.—In fair supply. Smalls are quoted at 2s. 6d. per lb.; winchesters at 2s. 1½d.; 56 lb., in demijohns, 2s.; 1 cwt., in demijohns or carboys, 1s. 1½d.; 5 cwt., 1s. 11d. All prices net.

PHENOLPHTHALEIN.—Makers announce an advance in prices consequent on increased production costs. New rates are as follows: 1 cwt., 4s. 10d. per lb.; 28 lb., 5s.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.

POTASSIUM PERMANGANATE.—Current rates are as follows: B.P. (in 1-cwt. drums), 1 cwt. and over, 1s. 8½d. per lb.; 3 cwt. and over, 1s. 8d. TECHNICAL (in 1-cwt. drums), 1 cwt. and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 ton and over, 156s. 9d.; 4 tons and over, 154s. 3d. TECHNICAL (in 5-cwt. drums), 5 cwt. and over, 156s. 9d. per cwt.; 1 ton and over, 154s. 3d.; 4 tons and over, 152s. Terms net, carriage paid to nearest station, containers extra and returnable.

PULV. BISMUTH. CO., N.F.—Current rates per lb. in the home market, in quantities of 28 lb.—112 lb., are as follows (containers in brackets): 2s. 9d. (1-lb.); 2s. 8d. (2-lb.); 2s. 7½d. (4-lb.); 2s. 6½d. (7-lb.); 2s. 6d. (14-lb.); 2s. 5d. (28-lb.).

THEOBROMINE.—Prices per lb., in quantities of 28 lb., are as follows: ALKALOID, B.P.C., 30s. 6d.; CALCIUM SALICYLATE, 19s. 3d.; SODIUM SALICYLATE, 19s. 3d.

Crude Drugs

ALOES.—Forward value of Cape is at 120s. per cwt., c.i.f. Curacao is firm at 300s., with the last c.i.f. prices received at 240s. to 250s., according to seller.

ANTIMONY.—Demand continues in excess of supplies. Current rates are: Minimum 99.6 per cent. regulus, £132 10s. per ton; minimum 99 per cent. £125; 70 per cent. crude, for the home trade, £105 per ton, delivered.

ARECA NUTS.—Spot quotations are steady at 75s. per cwt.; shipment, 55s., c.i.f.

BALSAMS.—Canada is quoted at 13s. 6d. to 14s. per lb., and Peru at 8s. 3d.; Tolu and Copaiba, unobtainable.

BENZOIN.—The position as outlined last week (p. 29) is unchanged.

BISMUTH.—High-grade metal continues to be quoted on spot at 9s. per lb., but supplies are short (see Introduction).

BUCHU LEAVES.—Spot stocks are small; price about 4s. 9d. per lb.

CARDAMOMS.—Unchanged. Supplies are scarce and business small. Prices are: Aleppy seed, spot, 8s. 6d. per lb.; Aleppy greens, 7s. 6d.; Mangalore heavy, 7s.

CASCARA SAGRADA.—Afloat is offered at 285s. per cwt., landed.

CASCARILLA.—Quills are quoted at 2s. 9d. per lb. on spot; some business is reported done at 2s., c.i.f.

CHAULMOOGRA.—*Hydnocarpus*, spot, 2s. per lb., in tins in cases.

CHILLIES.—Quiet, prices unchanged. Mom-basa, spot, 150s. per cwt.; shipment, July-August, 140s., c.i.f., buyers' licence.

CINNAMON.—Chips are quoted on the spot at 2s. 2d. per lb.

CLOVES.—Sellers of Zanzibar on spot at 1s. 1d. per lb.; shipment, July-August, 9½d. per lb., c.i.f., buyers' licence.

COCHINEAL.—Silvers may be had on spot at 5s. 6d. per lb., and blacks at 5s. 9d.

COCOA BUTTER.—The maximum official price remains at 1s. 5½d. per lb., ex factory or warehouse, except under licence.

COLOCYNTH.—White pulp appears to have been practically cleared and holders of any remaining supplies are now asking 2s. 9d. per lb.

DIGITALIS LEAVES.—Portuguese, on the spot, 130s. to 140s. per cwt.; English, 2s. 6d. per lb.

ERGOT.—Spot is available at 7s. 6d. per lb.; afloat, 7s.

GUM ACACIA.—Kordofan cleaned sorts is firm on spot at 77s. per cwt.; bleached, steady at 150s.; Talha, cleaned, 42s. 6d.

HENBANE.—Spot quotation for Indian leaf is steady at 250s. per cwt.; Egyptian (*muticus*) 90s.

KARAYA GUM.—About 200s. per cwt. would be wanted for Indian No. 1 gum, on the spot.

KOLA NUTS.—Spot prices are as follows: African quarters, 8d. per lb.; African halves, 6d.; Jamaican washed halves, 7d. Business is quiet.

LIQUORICE ROOT.—Natural Anatolian root, on the spot, 85s. to 90s. per cwt.; cut root, 110s.

MENTHOL.—In good inquiry with the price holding firm. Cables from Brazil report scarcity of crude oil and mention a price of 41s. to 42s. per lb., f.o.b., for menthol. A few cases of spot goods are still being sold to consumers at 36s. to 37s. per lb., duty paid. Some Chinese material has been sold afloat at 42s. 6d. c.i.f., indicating a duty-paid price of around 50s. The quantity involved is stated to amount to about ten cases.

MERCURY.—Prices are controlled by the Control of Mercury (No. 11) Order, 1945 (S.R. & O., 1945, No. 1129) (C. & D., October 13, 1945, p. 388).

NUTMEGS.—Prices are nominal; West Indian, 80s., 5s. per lb.; sound unassorted, 4s. 9d.; wormy and broken, 4s. 6d.

NUX VOMICA.—Cochin, spot, 45s. per cwt.; shipment, 39s. 6d., c.i.f.; Mangalore, spot, 37s. 6d.

ORANGE PEEL.—Fine-cut Tripoli, spot, 4s. 9d. to 4s. 10½d. per lb. Spanish quarters, 2s. 9d. Spanish sweet ribbon, in course of landing, 2s. per lb.

PEPPER.—Whole, not picked over or cleaned, on sale to processors, is officially priced at 1s. 4d. per lb. for white pepper and 1s. per lb. for black pepper.

PIMENTO.—Quiet conditions obtain. Spot, sellers at 1s. 2d. per lb.; shipment, 122s. 6d. per cwt., c.i.f., buyers' licence.

QUILLAIA BARK.—Natural is quoted at 20s. per cwt., and cut at 140s.

RHUBARB.—Common-round, near-at-hand, 2s. 6d. to 13s. per lb., duty paid; to arrive, 10s. to 10s. 6d., c.i.f.

SARSAPARILLA.—Red Jamaican, spot, 2s. 9d. per lb.

SEEDS.—**CELERY.**—Spot, Indian, 1s. 6d. per lb., ex store Liverpool. **CORIANDER.**—Spot, Indian, 115s. and Morocco, 115s., ex wharf London. **CUMIN.**—Spot, Indian, nominal, 195s., ex store Liverpool. **FENNEL.**—Spot, Indian, quoted at 175s., ex store Liverpool. **FENUGREEK.**—Spot, Indian, 70s., ex wharf London; 67s. 6d. quoted, ex store Liverpool.

SENEGA ROOT.—Price from Winnipeg stands at \$3 per lb. f.o.b., but the new difference in the rate of exchange will have the effect of increasing the price. It is thought that the spot price of any material landed would be 16s. to 17s. per lb., but the whole price position is temporarily obscure.

SQUILL.—Only brown material may be obtained at present. Price quoted is at 15s. per cwt., spot.

TRAGACANTH.—Spot price of selected grades is firm at £160 per cwt., with supplies scarce. Medium grades are quoted as follows: No. 1 white, £145 per cwt.; No. 2, white, £125; No. 3 white, £110; No. 4 white, £85; pale leaf, £50; amber leaf, £50; dark amber, £35; brown leaf, £25; red-and-brown leaf, £20; red leaf from £17; hogg, £12 to £15.

TURMERIC.—Spot, Madras finger, 95s. per cwt., ex wharf London; 92s. 6d., ex store, Liverpool.

VALERIAN.—Belgian root is offered on the spot at 250s. per cwt.

WAXES.—Current rates for CARNAUBA are: Fatty grey, spot, 1,050s. per cwt.; chalky, 1,030s.; prime yellow, 1,200s.; fatty grey, afloat, 1,050s.; mediana, afloat, 1,150s. **BEES.**

—Quoted on the market as follows: Dar-es-Salaam, spot, 335s. per cwt.; afloat 335s., c.i.f.; Benguela, spot in bond, 295s. **OURICURI.**—July-August, 620s. per cwt., c.i.f. **CANDELILLA.**—Spot, 490s. per cwt.; to arrive, 490s.

Essential and Expressed Oils

CASTOR.—Bulk supplies are quoted as follows: "Firsts," £82 per ton; "seconds," £80, both naked ex works.

CLOVE.—English distillers of bud oil continue to quote at 12s. per lb.

COCONUT.—Bulk supplies of crude oil continue at £49 per ton, but refined deodorised

was recently advanced by £7 per ton to £56. Refined hardened deodorised was increased by £7 per ton to £60. All prices are naked ex works.

COTTONSEED.—Official quotations are as follows: Crude, £52 2s. 6d. per ton; washed, £55 5s.; refined edible, £57; refined deodorised £58, naked ex works.

GROUNDNUT.—Bulk supplies are officially quoted as follows: Refined deodorised, hardened to 40°, £62 per ton; refined deodorised, hardened to 50°–52°, £63.

LINSEED.—Bulk supplies of crude are officially quoted at £65 per ton, naked ex works.

PALM KERNEL.—Refined deodorised was recently advanced by £7 per ton to £56, and refined hardened deodorised by the same amount to £60 per ton, both naked ex works.

ZANZIBAR CLOVES

THE report of the Clove Growers' Association of Zanzibar for the quarter ended March 31, 1946, states that supplies and exports were:—

SUPPLIES	EXPORTS
Zanzibar produce	To all destinations
459,515 lb.	9,509,912 lb.
Pemba produce	
1,959,304 lb.	

Of the total supplies, 2,408,532 lb. passed through the Zanzibar central market, and 10,287 lb. passed through the Association's depot. Destinations and quantities exported were:—

DESTINATIONS	BALES	LB.
India	50,874	7,122,405
United Kingdom	9,078	1,270,920
America, North and South	5,582	781,400
Sweden	858	120,120
South and West Africa	401	36,090
Cyprus	352	49,280
Portuguese East Africa	192	26,880
East Africa	185	23,935
Hong Kong	132	18,500
Palestine	80	11,200
Nigeria	80	11,200
Greece	64	8,960
Malta	50	7,000

In terms of standard bales (140 lb. net), supplies totalled were 17,277 bales and exports 67,928 bales. The Association supplied 5,049,537 lb. or 53.1 per cent. of the exports.

Clove Stems and Clove Oil.—Supplies of stems, mainly from Pemba, amounted to 595,446 lb. and the distillery continued to operate on mixture material of which 1,304,507 lb. was used. Oil exports totalled 97,796 lb.; distillation will probably close down towards the end of May and re-opening will depend on the next clove harvest.

PERFUMERY EXPORT DRIVE

MR. HERBERT MORRISON, the Lord President of the Council, has written a personal letter (reproduced below) to Mr. L. J. Matchan, chairman of the Toilet Preparations and Perfumery Manufacturers' Federation of Great Britain, expressing the Government's congratulations on the success of the industry's export drive.

The export bonus scheme for the toilet preparations industry launched by my colleague, Mr. Belcher, has worked very well since the beginning of the year, and exports up to the end of April have amounted to nearly £1,000,000. This result is most satisfactory and this industry's products are providing a valuable contribution to the country's export drive. Your Federation deserves every credit for this achievement.

No industry can afford to rest on its laurels. I hope you and the Committee of this Federation will stimulate all manufacturers to do better. The target for this scheme is £2,250,000 in this year. I suggest that this industry should have a private target of £3½ million.

The following statement has been supplied by the Federation:—

The industry's achievement of a million pounds' worth of exports in the first four months of the year is an outstanding one; it represents no less than three times the rate of toilet preparations exports before the war and has been accomplished in face of considerable difficulties, for many of the industry's factories were used for war production and manufacturers have not yet been able to re-establish their full productive resources. British cosmetics of high quality—perfumes, face powder, lipstick, rouge, face creams, brilliantine and hair creams—are being shipped every day to markets all over the world, and the industry is confident of beating even the new target Mr. Morrison sets them. The success of their export drive has earned manufacturers the right to increased quotas for supplies for the home trade but, owing to the shortage of containers and materials, the quantities of cosmetics in the shops for the women at home are likely to continue rather scarce for the time being in order that exports shall have priority, but every lipstick or other make-up item exported is a direct contribution to Britain's ability to buy foodstuffs and other essential imports. Manufacturers are expecting that conditions will become gradually easier and will enable them soon to increase supplies for the shops in Britain as well as to keep up their export drive. (Editorial comment on p. 49.)

COMING EVENTS

Monday, July 15

SLOUGH AND SOUTH BUCKS BRANCH, NATIONAL PHARMACEUTICAL UNION, Royal Hotel (adjoining G.W.R. station), Slough, at 7.30 p.m. Inaugural meeting. Mr. R. H. Kemp (local organisations officer) on "The National Health Service and Other Matters."

Tuesday, July 16

BRITISH STANDARDS INSTITUTION; Institution of Mechanical Engineers, Storey's Gate St. James's Park, London, S.W.1, at 3.30 p.m. Annual meeting.

Thursday, July 18

WOLVERHAMPTON CHEMISTS' ASSOCIATION Annual outing to Trentham Gardens. Coach leaves Wulfruna Street, Wolverhampton (by the Technical College), at 2.30 p.m.

Sunday, July 21

MANCHESTER PHARMACEUTICAL ASSOCIATION Ramble to Bollington, Kettleshulme, and New Mills. Meet at London Road station at 9.20 a.m. Book Bollington return.

TRADE MARKS

(From "The Trade Marks Journal,"
June 26)

- "STARGLYNT"; for toilet preparations (not medicated) perfumes, soaps, cosmetic preparations, hair lotions, dentifrices and essential oils (3). By Alfred Smith, 9 & 9a Cecil House, 12-13 Little Newport Street London, W.C.2. 639,423.
- "ORICOL"; for toilet preparations for restoring colour to the hair (3). By Godfrey Thornfield, Fortress Grove, 23-34 Fortress Road London, N.W.5. 637,365.
- "PARAFIX"; for toilet preparations for the hair (3). By Abraham Branskey, The Hairdressing Departments, Paragon Station and Royal Station Hotel, Hull. 636,456 (Associated).
- "REINE, INC." name superimposed on design of lady in crinoline; for toilet preparations (not medicated) and cosmetic preparations but not including toilet creams (3). By Reine, Inc., 4 East 57th Street, New York City, N.Y. 634,315.
- "STIMULAWN"; for chemical substances (other than fungicides, insecticides and weed killers) for use in treating lawns (1). By Produx Industries, Ltd., Africa House, Kingsway, London, W.C.2. 639,846 (Associated).
- "LYNVIT"; for manures and fertilisers (natural and artificial); prepared peat for agriculture and horticultural purposes (1). By Cornish Manures, Ltd., Alexandra Docks, King's Lynn, Norfolk. 639,672.

APPLICATIONS AMENDED AFTER ADVERTISEMENT

Specification 636,340 by Picot, Ltd., should be altered so as to read "perfumes."

LIVADEX ORAL

Trade Mark

(Brand of Ext. Hepat Liq. B.P.)

Following the issue of *The Liver Extract (Regulation of use)* Order, 1945, permitting the administration of oral preparations of liver on the prescription of a medical practitioner for the treatment of pernicious and other macrocytic anæmias, LIVADEX ORAL brand of Ext. Hepat. Liq. B.P. is now available.

LIVADEX ORAL contains the specific principle which increases the number of red corpuscles in the blood of persons suffering from pernicious anæmia, one fluid ounce being equivalent to half a pound of fresh liver; it is of value not only in pernicious anæmia but also in the treatment of macrocytic anæmias generally.

LIVADEX ORAL is being advertised in the medical press, and pharmacists are advised to have stocks in readiness for the expected demand.

PRICES: 4 fl. oz. 6/- each; 16 fl. oz. 21/6 each (no purchase tax). Subject to usual discounts.

Livadex (for Intramuscular Injection) is still available.



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BARBITONE SOLUBLE
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CHINIOFONUM
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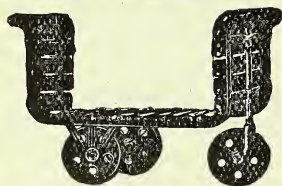
A. F. SUTER & CO. LTD.
 15 Philpot Lane - London, E.C.3
 Phone: **MANsion House, 2274/5**

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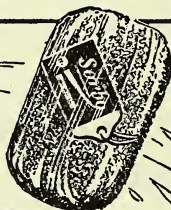
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Any kind of
HANDTRUCKS, HANDCARTS,
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Sorbo—the original sponge rubber—
 will soon be available in many new
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 Phone: **Woking 966 Gram: Sorbo, Woking**

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THE ETHYL AND PROPYL ESTERS
OF SALICYL GLYCOLLIC ACID

- Prescribed and recommended by members of the Medical Profession in the treatment of **SCIATICA**, **RHEUMATISM** and **LUMBAGO**

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Manufacturing Chemists, Ltd.
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Established 1743



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The ideal nutritious Tonic for
Children and Adults.
4 oz. and 8 oz. Bottles.

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An efficient Skin Ointment.
Attractive 2 oz. Pots.

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For relief of Biliousness and as a
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An Open Letter to the Trade

Before the war you knew the SOHO REFLEX as the best in the world, but you were not certain whether the Soho Folding Camera was going to be good or bad. Is that correct?

What of the future?-----During the war we obtained the services of one of the finest camera designers. He has designed a range of cameras which will place the Precision Engineering firm of Kershaw ahead of any manufacturer in the world.

By 1947 the range will extend from an exclusive $2\frac{1}{4} \times$ camera for the professional and highest grade amateurs to $2\frac{1}{4} \times 3\frac{1}{4}$ cameras, as cheap as is consistent with the quality with which we intend our name to be linked.

We are standardising the two sizes $2\frac{1}{4} \times 3\frac{1}{4}$ and $2\frac{1}{4} \times 2\frac{1}{4}$.

Equipped for mass production during the war, we are bringing out the cheapest camera first. Each succeeding camera placed on the market will be better in quality and performance. Our intention is to put the name of Kershaw ahead of the world's present best. We have the design and we have the tools-----as soon as we have the labour, you will have the cameras.

Sales Manager, KERSHAW-SOHO (SALES) LIMITED



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purchasing Toilet or
Medicinal Preparations
see the bottle is sealed
in the best way -
i.e. by a cork the
natural closure.*

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THE MODERN INDISPENSABLE SELF-ADHESIVE GELATINOSE TAPE

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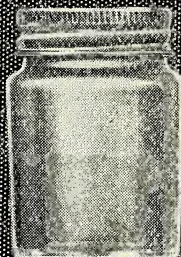
To NORTHERN PHARMACISTS—

... our thanks are due for their indulgent co-operation under war-time stresses. As conditions improve we hope fully to restore our customary Prompt Service, Keen Prices, Sound Quality, and Frequent Motor Van deliveries in the Tyne, Wear, and Tees areas. We shall always be pleased to quote for your requirements.

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OF EXCELLENT QUALITY BACKED UP
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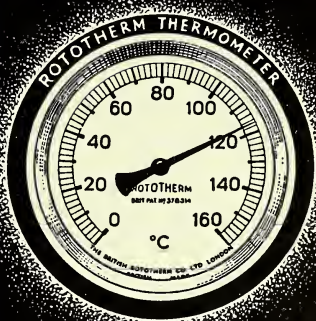
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— for —
IMMEDIATE DELIVERY

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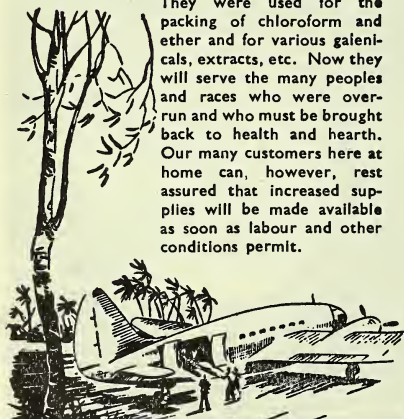
THE BRITISH ROTOTHERM CO. Ltd.
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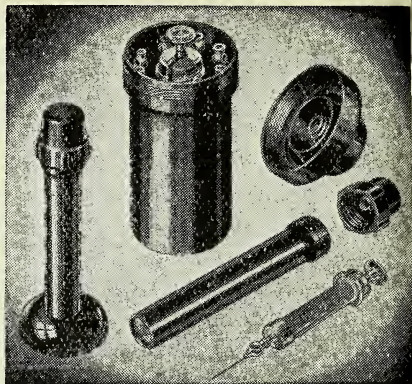
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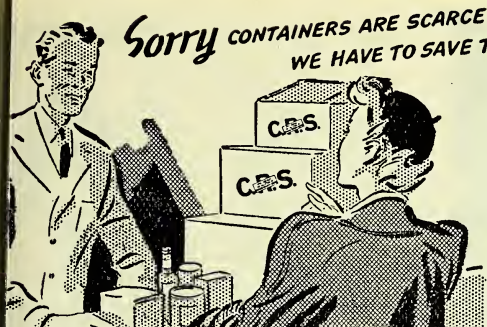
150 more sheets to the roll
... and improved quality of tissue

The same price: but it now buys improved quality—the finest obtainable today—and not only that, but a third more paper. This is only the first of Swan Mill's promised improvements in supplies and service to their customers.

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Price remains at 1/3 per roll

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Sorry CONTAINERS ARE SCARCE
WE HAVE TO SAVE THEM FOR C.R.S.

Please don't let containers go out of your shop—even to oblige your nicest customer! It's almost impossible to get packing material these days, and the way to ensure future deliveries is to return your containers to the C.R.S. collecting van when it calls at your shop.

**MAY WE
REMINDE
YOU ALSO**

1 Take care to see lids of wood boxes are returned in good condition, please.

2 Store C.R.S. wood and fibre-board cases out of the weather until collection.

3 Fold C.R.S. cartons FLAT—with flaps sticking OUT (otherwise flaps have to be untucked before re-use).

4 Vans collect during normal deliveries. C.R.S. vans provide additional collections at regular intervals. Cash paid on spot.

★ Authorised Collectors of empty containers for many leading Food, Soap, Toilet and Household Product Manufacturers.

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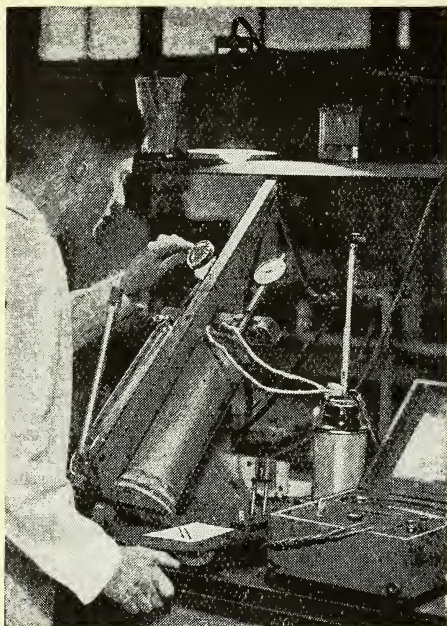
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Important tests that control production.

THE EXPANSION TEST.

THERMAL endurance of Glassware depends on a low co-efficient of expansion. The expansion of PYREX Brand Glass is $3 \cdot 2 \times 10^{-6}$.

This expansion factor is checked daily by means of a rapid thread test, and each day's figures are carefully compared: but in addition to this, regular tests are also made of the finished glass by means of a special Expansion Test Apparatus of our own design which we illustrate above.

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**GRADUATED
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THE LADIES LOVE THIS



Every woman who enters your shop is a likely customer for Petal Dust—the sweet-scented **MOTH-PREVENTER**. Keeps moths out of wardrobes, drawers and cupboards; safeguards linen, furs, woollens and garments from damage.

*IT'S A
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LINE!*

Impregnates with a delightful flower perfume which is purifying and antiseptic. In handy sachets retailing 1s. 6d. (including Pur. Tax). Terms on application.

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Perfumed Moth Preventer

MARSHALL'S • TOWER BRIDGE • S.E.

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A sensational **NEW** insecticide recently evolved from a powerful formula will prove a tremendous seller in 1946.



"NO-ESCAPE" INSECT POWDER 666 (Gammexane) kills all vermin by touch and outclasses the ordinary insecticide. Once a customer has used "NO-ESCAPE" in killing flies, fleas, bugs, beetles, cockroaches, crickets, etc., he is sold for life. Harmless to animals. Approved by I.C.I. Retail 1/- Wholesale 96/- per gross. (Min. quantity 6 dozen)

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NO-ESCAPE
666

**INSECT POWDER
KILLS VERMIN BY CONTACT**

A TREMENDOUS SELLER!

ANOTHER PAGE FROM THE

STERLING

VOLUME

Page 187

Chemicals

SODIUM CITRATE

Formula — $C_6H_5O_7Na_3 \cdot 2H_2O$. Mol. Wt. 294.

Properties. A white crystalline powder or colourless crystalline granules, readily soluble in water and having a saline taste.

Standard. The standard grade manufactured for food or medicinal purposes should comply with the requirements of the British Pharmacopœia in all respects.

Uses. In addition to its use in medicine, Sodium Citrate finds an increasing use in infant food, cheese and other milk products owing to its valuable property of producing a smooth soft curd free from clots. It is also extensively used in blood transfusion.

Packages. 28 lb. tins.

Manufacturers: THOMAS TYRER & CO. LTD.
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PREPARATIONS

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ANAESTHETIC B.P.
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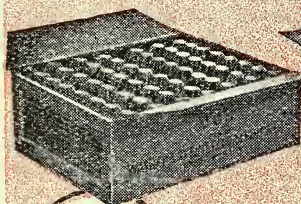
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THAN EVER IS THE
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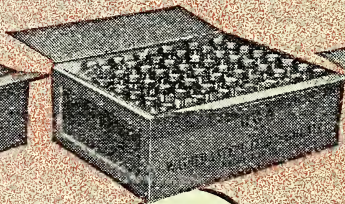


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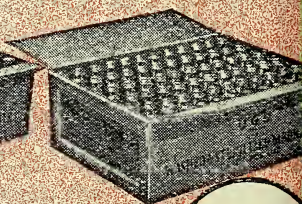
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—READY FOR USE—
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BROMLEY-BY-BOW, LONDON, E.3**

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Yes, make no mistake about it the packaging thing that counts the sales counter attractively and hygienic MONO tainer will win your customer's respect.

Ideal for a host of Peace products including Food Dairy Products and Pharmaceutical Preparations. We are now to offer suggestions and designs for MONO Containers meet the special requirements of the Chemical and Allied Trades. Your enquiries are invited.



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One, probably more, of the popular women's magazines *regularly*. She may see a whole lot more—which are also read by millions of others like her. In all of them—to say nothing of local and national papers—Tampax is advertised. Wherever woman goes

She sees

the message (Tampax brings freedom of action all the time)—a message of importance to women. A greater demand for this ever-popular line will come to you by reason of

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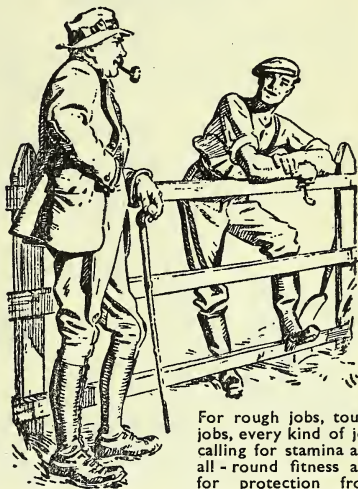
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Distributed through leading wholesalers

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WHEREVER MEN GET TOGETHER...



For rough jobs, tough jobs, every kind of job calling for stamina and all-round fitness and for protection from STRAIN—'LITESOME' plays its part.

Tens of thousands of men know how snug-fitting scientific support helps them to feel 100% fit day in, day out; how comfortable and unobtrusive this essential male underwear is! Are you (the ideal sales outlet) in a position to supply their demands? If not you are missing an opportunity of profitable, steady sales! Showcards, window transfers and all details of terms are now available—may we send them to you?

Amongst men who mean to feel their best...



THERE YOU'LL FIND LITESOME Supporter

Standard Model... 6/10.
All sizes now available.

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BEACH & SPORTS WEAR

Thousands of 'LITESOME' Supporters are being used in conjunction with full-cut men's shorts—a valuable additional market particularly during the summer months!

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Sells as well as it Seals and Heals



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Proprietors: PORTLAND PLASTICS LIMITED, 6 VICTORIA STREET, LONDON, S.W.

"PORTEX" MEDICATED PLASTIC SKIN

Immediate Relief for
MOSQUITO BITES
and for

**CHILBLAINS,
SORE AND BLISTERED FEET,
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INGS, CRACKED NIPPL,
DURING LACTATION.**

Trade Discount 33½%

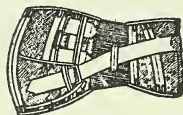
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Particulars of the Belt
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ESTABLISHED 1882

For "MASTER" BRAND SURGICAL TRUSSES
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PERFUMERY BOTTLE WICKERERS in RAFFIA
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(PLASTIC & METAL)



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write for Sample of Lipstick Case
(plastic and metal). Guaranteed fool-
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2/6 POST FREE

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The "ATALANTA"
is strongly built to stand
up to years of hard
wear. Specially
made seams—no
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ENEMAS. Demand continues for the "PERFEX" and "SATINETTA." P.A.T.A. Recommended by Doctors and Nurses.

BREAST RELIEVERS. Ingram's "OMEGA" remains consistently popular. A sturdy job, designed in collaboration with Medical Authorities.

J. G. INGRAM & SON, LTD.

The London India Rubber Works, HACKNEY WICK, E.9.

D.D.D. BALM A STEADY SELLER

D.D.D. Balm is a steady seller because it is a good product in the modern taste, and because its merits are constantly kept before the public by advertisements in the national, periodical and provincial press and by posters in buses, trams and railway stations.

D.D.D. Balm is especially effective for the treatment of napkin rash, chafed, chapped skin, and other skin troubles from which babies suffer and advertisements stressing this use are now appearing in all papers.

Be ready to supply this new and effective product. It is freely available and your Wholesaler can supply you from stock. Showcards available on application.

D.D.D. CO. LTD.

3, FLEET LANE, LONDON, E.C.4.

Attention! All chemists.

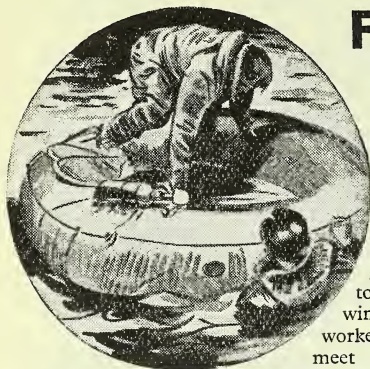
Why do so many chemists make FASTEETH their 'best seller in Fixatives'? Because:—

- 1 Fasteeth holds dentures firmly without discomfort.
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Order FASTEETH from your wholesaler today, 2/3 size price 18/- doz. or include with other products for a "best terms" parcel direct to:—

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FASTEETH



FROM RUBBER DINGHIES BACK TO...

Just as Dunlop helped to equip the services to win the war, so their workers and plant will again meet the needs of the day by resuming the production of the famous range of Dunlop hot water bottles. Obtainable from your usual factor or wholesaler.



DUNLOP HOT-WATER BOTTLES

DUNLOP RUBBER CO. LTD., General Rubber Goods Division, Cambridge Street, Manchester.

46, GRG/21

HERBALENE— *naturally!*

It's only natural that there should be a steady demand for Herbalene, because it is a tonic "nature-cure" laxative which is perfectly safe for people of all ages. Herbalene's gentle action is never habit-forming and it is approved and recommended by all doctors advocating natural methods of healing.

Meet Herbalene preference with ready stocks. Address enquiries to your wholesaler or direct to:—

LUSTY'S NATURAL PRODUCTS CO.
278-280, London Road, WESTCLIFF-ON-SEA, Essex

.. MANOIDS NEVROIDS .. URICURE TABLETS OCCASIONAL PILLS

THE ACTON PILL & TABLET Co. Ltd.
ASH, VALE, SURREY
and all Sundries Houses

L.L.N. PRODUCTIONS

SANITARY TOWELS

ENQUIRIES:

LENNARD LEE-NARVILL & CO. LTD.,
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NEW

LEG TAN CREAM COMPONENTS

HIGH QUALITY

ROHSEN WAX. V.L. 5. - - 10/- lb.
PERFUMED COLOUR - - 5/- lb.
100% Purchase Tax.

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THE MAKERS OF **Modess**

HAVE NOW PRODUCED

*the perfect form of sanitary protection worn internally*

Meds are a product with which we are glad to associate our name. They were not rushed on to the market the moment demand for internal sanitary protection (called tampons) was felt. Meds are the result of 5 years of research and clinical experiment and have overcome the disadvantages of other tampons. You can recommend them with complete confidence.

Women will want Meds when they hear about them and an advertising campaign prepared with tact and good taste is now appearing in the press and women's magazines. You can also help business by displaying Meds where circumstances permit.

RETAIL PRICE 1/- PER CARTON
containing 12 separately wrapped Meds
TRADE PRICE 8/5d. PER DOZ. CARTONS in container

*MEDS mean
good business
for you.*

PERSONAL PRODUCTS, Division of JOHNSON & JOHNSON, (GT. BRITAIN) LTD., WREXHAM AND SLOUGH

all types of High Class machinery for fine chemical
cosmetic and similar trades, including laboratory
equipment.

REED BROS. (Engineering) LTD.,
Bevis Marks House, London, E.C.3.
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**EXTEND YOUR TRADE
USE A TRADE MARK
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TRADE MARK PROTECTION SOCIETY
2, CHURCH STREET, LIVERPOOL.**

SEPTISOL' NURSERY OINTMENT

— FOR DIAPER RASH —

SEPTISOL' BABY SOAP

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For Profit and Prestige, and ensure Repeat Demands

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REFINED GLYCERYL

MONOSTEARATE EMULSIFIERS

For promotion of Oil-in-Water
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of great stability

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FLAVOURINGS

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"NIAGARA" BRAND CULINARY FLAVOURS**NIAGARA WORKS, EAGLE WHARF ROAD, LONDON, N.I**

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The tonic
value of
famous spas



HARLEY'S

Three SALTS

Recommended as a safe solvent of uric acid and for the relief of rheumatic pains.

FORMULA: Mag. Sulph. Exsicc. 55%
Sod. Sulph. Exsicc. 42.5%
Pot. Tart. Acid 1.7%
Pot. Sulph. c. Sulph. 1%

Attractive 8 oz. tins to retail at 1/10½ including Purchase Tax.

THOMAS HARLEY LTD.

55, South Methven Street, Perth, Scotland

CELLON SERVICE

FOR INDUSTRIAL WELFARE

FOR HEAD LICE

CELETANE (Regd.)

Medicated (Lethane) Hair Oil—N.W.F.
Undetectable in use. Rapidly effective.

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BENZELIA (Regd.)

Benzyl Benzoate—25%

An emulsion of high efficiency, extremely effective in the treatment of this infestation.

Further information, samples and prices upon request

KINGSTON-ON-THAMES

KINGSTON 1234 (5 lines)

CELLON LABORATORIES

LIMITED

SHERLEY'S always make Regular Customers!

To be sure of a fair share of the big, regular demand for the Sherley's preparations please order well ahead—empty shelves can only mean disappointment. There is no treasure like a regular customer. He is the mainstay of profitable trading; a source of valuable goodwill. Adequate stocks of Sherley's Dog and Cat Medicines will keep the "regulars" happy and turn many a "casual" into a good friend.

SHERLEY'S DOG MEDICINES

SHERLEY & CO. LTD., 16/18 MARSHalsea ROAD, LONDON, S.E.1



MADLOX LIMITED

*The Leading House for
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MANUFACTURERS & DISTRIBUTORS
OF "MADLOX" PRODUCTS

TOILET PREPARATIONS
Lipsticks, Rouges,
Mascaras, Shampoos,
Brilliantines, Setting
Lotions, Hair Creams,
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SUNDRIES
Combs, Compacts,
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boxes, Sponge bags,
Scissors, Tweezers,
Toothbrushes, etc.

Write and ask one of our Representatives to call
B, CORPORATION STREET, MANCHESTER, 4.

SOFT SOAPS

For Textile and other technical
and general uses.

Some lines not yet available
owing to war-time regulations.

W. M. DELF & CO.,

SOAP AND DISINFECTANT MANUFACTURERS

DELCO WORKS, RICE LANE, LIVERPOOL, 9

Telegrams: Glycerine, Liverpool
Telephone: Aintree 1752 (2 lines)

NODAN

NODAN—Prepared from a new and highly scientific formula obtains results very rapidly. Eradicates scalp disorders, stops scurf irritation. Non-toxic, non-greasy, does not stain. Sells at 3/10½d. per bottle, including tax.

SPECIAL INTRODUCTORY BONUS OFFER

Full particulars on application from the

SOLE DISTRIBUTORS

FASSETT & JOHNSON, LTD.

86 Clerkenwell Road, London, E.C.1

Aromatic Inspirations

'We take the golden road to Samarkand,' sang the merchants of Baghdad, bearing with them otto, myrrh, frankincense, and other perfumery raw materials.

The perfumes made by Goya have been carried even further afield. They have become an invaluable export and have earned a world-wide reputation for their creator. An Englishman at last rivals the great perfumers of France.

An important factor in Goya's success is that Goya himself blends the perfumes which bear his name. They are not a communal achievement by a committee of chemists or a board of directors. Each scent is an individual creation by an individual—Goya.

PERFUME · LIPSTICK · FACE POWDER



161 · NEW BOND ST · LONDON · W · 1

BASED ON WARTIME RESEARCH

One application of:-



D.M.P. EMULSION CREAM

will prevent bites by

GNATS, MOSQUITOES, MIDGES
and other insects

for THREE to FIVE hours

A smooth white cream containing 30% dimethyl phthalate, as successfully used by Allied forces in tropical war areas.

NO UNPLEASANT SMELL, NO GREASY FILM.
Handy flat aluminium boxes in sales-compelling dozen display outers.

ADVERTISED THROUGHOUT THE SEASON.

Retail 2/- including tax. 1 doz. 13/3. 3 doz. 12/7 doz. Plus Purchase Tax 4/4 doz.

*Discount 3d. for cash
in seven days. Carriage paid.*

CHRISTIE, GEORGE & COMPANY

84, Moss Lane West,
MANCHESTER. 15

Ahead of beauty



DOUBLE VALUE
offer by Jean
Claude Soaples
Shampoos. Each
packet contains
two separate
sachets.

Talcum Powder
and Lipstick
supplies an
increasing

Jean Claude
Each packet contains
two separate sachets

Retail Price 7½d incl. Pur. Tax

JEAN CLAUDE (Sales), 31, Theobalds Rd., London, W.



These are some of
the advertisements
which are bringing
BIG SALES
GOOD PROFITS

to chemists all over the country.

Aero-Ped advertisements are appearing in the National and Provincial Press throughout the length and breadth of Great Britain. Aero-Ped has become immediately popular because it treats serious foot complaints — Dermatophytosis and allied mycotic affections. Aero-Ped contains P.M.N. (Phenylmercuric Nitrate).

SOLD ONLY BY QUALIFIED CHEMISTS

Benefit by the special money-making quantity discounts and send in YOUR order NOW.

Sole distributors:

S. MAW, SON & SONS, LTD.
Aldersgate House, New Barnet, Herts.

Manufactured by:

Aero-Ped Ltd., 35, Bessborough Place, London, S.W.1.

D6/16

PRICES:

WHOLESALE RETAIL
6/- per doz. 2/3 each
2/8 Pur. Tax. 27/- per doz.

8/8

PROFIT TO RETAIL TRADE
now over 40% on attractive new

QUANTITY DISCOUNTS

21% on orders for 2 dozen
5% on orders for 3 dozen
7 1/2% on orders for 4 dozen
10% on orders for 6 dozen

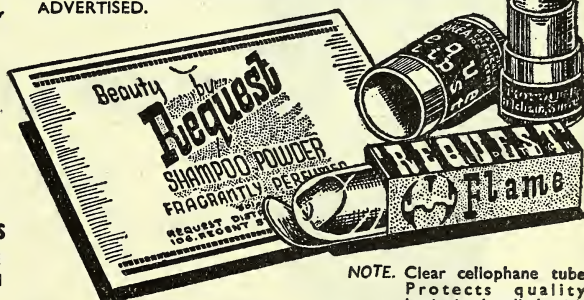


NEW EXQUISITE SHADES

FLAME - BRUNETTE
CHERRY - CYCLAMEN

Beauty by Request

Request is in Demand! - more and more discriminating women are appreciating the superior features of these fine quality products. Request Lipstick, in all the fascinating favourite shades. Request Shampoo Powder, for richly luxurious shampoo. Imparts life and loveliness to the hair, conditions it for easy, perfect setting! **DISPLAY THEM PROMINENTLY. NATIONALLY ADVERTISED.**



NOTE. Clear cellophane tube.
Protects quality,
hygienic, handled with-
out damage.

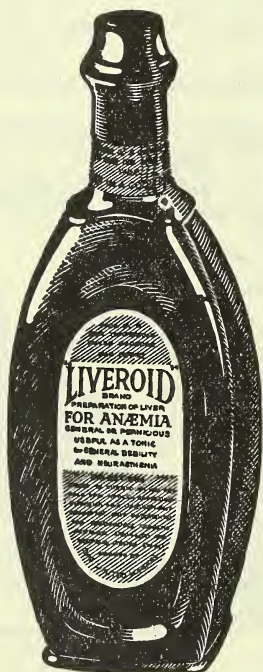
Send for full details of generous trade terms and attractive profit margin.

ESMOREA CHEMICAL PRODUCTS LTD. 106, REGENT ST. W.1.

IMPORTANT!

"LIVEROID"

CAN NOW BE SUPPLIED
AGAINST MEDICAL
PRESCRIPTION FOR THE
TREATMENT OF
PERNICIOUS AND
OTHER MEGALO-
CYTIC ANAEMIAS.



Chemists' orders will
receive careful attention.

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Thames House,
Queen St. Place, London, E.C.4.

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'Grams : Lonoxo, Cannon, London.

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

JULY 13
1946

28 FINSBURY STREET, LONDON, W.C.2

Revolving restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send instructions as early as possible. Advertisements must be prepaid. Box Office Numbers 2/- extra.

SITUATIONS OPEN

for 40 words or less, 2d. for every additional word.

RETAIL (HOME)

E. HOBBS, Ltd., have a vacancy for an experienced qualified pharmacist also an unqualified assistant, male or female, for dispensing. High-class clientele. The position is permanent, commanding an excellent salary. Accommodation may be procured. Apply with usual details to 2 Mt. Pleasant, Tunbridge Wells.

ASSISTANT, Male, Chemist's Photographic Counter, City. Apply "A," 107/338, C. & D. Office. **WILTSHIRE Market Town.** Unqualified Assistant, male, single, required immediately for Counter and Relief Dispensing. Permanency. Good salary paid for really competent services. 108/397, C. & D. Office.

WILTSHIRE. Private Chemist requires Unqualified Assistants (single males preferred) experienced in Dispensing and Counter Work. Several other staff employed. Vacancies will occur later. Applicants should send full particulars in letter. 109/429, C. & D. Office.

BRIGHTON. Unqualified Assistant required for good class Pharmacy. Easy hours. Saturday day. No Sunday duties. 110/441, C. & D. Office.

BRIGHTSIDE & Carbrook Co-operative Chemists Limited require the services of a capable unqualified Lady Pharmacist. Permanent position. Good wages and conditions. Superannuation Scheme operation. Applications to be made to the General Secretary at 32 Sycamore Street, Sheffield 1.

CHANNEL ISLANDS. Young Qualified Assistant, single, required in good class progressive pharmacy, where experience and energy appreciated. Duties mainly dispensing and technical, under good conditions. Give references, photo and reply required and whether interview can be arranged. C. M. Stone, 39-41 Bath Street, Weymouth, Dorset, C.I.

ASTERN Counties. Wanted Chemist-Optician, Assistant Managing Director to old-established private company. (Capital not essential.) Must have excellent experience and references. Full particulars, reply required, etc. 108/375, C. & D. Office.

EXPERIENCED Qualified Manager required for new high-class pharmacy shortly opening in Chichester district. Permanency. Please apply, giving full particulars to S. Simmonds, County Buildings, Market Square, Biggleswade, Beds.

HEPPELL'S (1932) Ltd. require a lady Pharmacist as manageress of small high-class Pharmacy at Piccadilly Circus. Apply by letter or 'phone Victoria 2204. Heppell's (1932) Ltd., 70, Vauxhall Bridge Road, London, S.W.1.

SWITCH. Unqualified chiefly photographic counter and display. Either sex. High-class trade. Write stating age, experience, salary expected, etc., to J. A. Symonds, Ltd., 16, Upper Brook Street.

ADY, unqualified, for Baker Street Pharmacy. Apply "S," 107/368, C. & D. Office.

WINDON, W.I. Young lady, unqualified assistant required for counter stock, window dressing, etc. Refs. Apply 109/425, C. & D. Office.

ORRIDGE & COMPANY Employment Agency, Columbia House, Aldwych, W.C.2. Chancery 6446-7. Branches at Southampton and Birmingham. Enquiries invited from Pharmacists and Unqualified persons requiring situations. Many attractive vacancies available. Excellent opportunities existing in progressive permanencies. Locums provided for. No charge to employees except registration fee. Apply to Columbia House in first instance.

PHARMACIST, young, as Senior Assistant with view to management. Central London. Good prospects. Apply Box "B," 107/367, C. & D. Office.

QUALIFIED and unqualified staff urgently required for busy Surrey pharmacy. Good pay and conditions. Phone Derwent 2325 for appointment. Hall & Lawton, Chemists, Worcester Park, Surrey.

QUALIFIED Gentleman required for central high class Pharmacy. Write Managing Director, Lovett & Bones Ltd., Empire Buildings, Hertford Street, Coventry.

QUALIFIED Pharmacist as temporary branch Manager. No Sunday or half-holiday duties. Apply by letter, giving full particulars, to Superintendent Chemist, Dewsbury Pioneers' Industrial Society Ltd, 43, Northgate, Dewsbury.

QUALIFIED Pharmacist as Temporary Branch Manager. No Sunday or half-day holiday duties. Apply by letter, giving full particulars, to Superintendent Chemist, 41, Northgate, Dewsbury.

SUPERINTENDENT Pharmacist required for country business near Leeds; lady of gentleman; good prospects for right person; no Sunday or half-day duties. Apply, giving full particulars, to F. D. Masterson, Ltd., Sherburn-in-Elmet, Leeds.

UNQUALIFIED Lady required as first counter hand. Easy hours; dispensing not essential. Apply in first instance by letter to Clark & Co., Chemists, Dorking, stating age, salary, etc.

URGENT.—Lady Pharmacist wanted to assist unqualified Lady in country business. Charge of dispensing and assist at counter. Easy hours, no Sunday, or holiday duty. Furnished accommodation only. Reply to D. H. Bockham (Chemists), Gt. Shelford, Cambridge.

WANTED, Qualified Chemist as Branch Manager. Permanent position; superannuation scheme; flat available. The Society have also vacancies for Qualified Locums. Full particulars to Managing Secretary, Scunthorpe Co-operative Society, Ltd., 180, High Street, Scunthorpe.

WANTED. Qualified or Unqualified Lady or Gentleman for high-class West-End Pharmacy. Also young girl for counter work. Apply to Hodge, Chemist, 10 Kensington Square, W.8.

LOCUMS WANTED

BRIGHTON. Qualified Locum required for good class Pharmacy for one month from July 29 or by arrangement. 110/442, C. & D. Office.

QUALIFIED Locum required for August 5 to 31 inclusive, either sex. Hours 9 to 6. Good salary. Accommodation for one or married couple provided. Full particulars to Clark, 60 Tonbridge Road, Maidstone.

QUALIFIED Locum required for two weeks, preferably Sept. 1st to 13th. Also unqualified for six or eight weeks, or permanency. Good salaries and congenial post. Usual particulars to A. J. Hall, 97, High St., Maidenhead, Berks.

QUALIFIED Locum required for two weeks from the 16th to 28th Sept. Salary 12 guineas per week. No extra duties. Dispenser and two assistants kept. Phone Wimbledon 3310 or write D. Cameron, 366, Garratt Lane, S.W.18.

WHOLESALE

ASSISTANT Pharmacist required by Chemical Manufacturers to undertake technical management of manufacturing and/or packing operations. Previous wholesale experience useful but not essential. Salary according to age and experience. Write, giving full particulars, which will be regarded as confidential, to Personnel Officer, May & Baker Limited, Dagenham, Essex.

DISTRIBUTORS require experienced **TRAVELLERS** only with established connections among **CHEMISTS, STORES and GOOD CLASS HAIRDRESSERS**. Car advantage. Salary, commission and expenses. Full details, previous experience, territory covered, etc. Box G., 4525, W. H. Smith & Son, Ltd., Manchester 3.

DRUG Miller required by London house for milling and crushing department. Apply, stating age, experience and salary required to 107/361, C. & D. Office.

FIRST-CLASS Representative for Proprietary House required for North Wales and Cheshire. Must have previous experience calling upon chemists and reside on the territory, preferably in Chester. Reply in own handwriting, stating age and salary expected, to Box Q.1386, Bensons, Kingsway Hall, London.

FORELADY required to take charge of small Department packing Ointments and Creams, in old established Manufacturing Chemists, London. Apply 108/402, C. & D. Office.

FULL-TIME representatives required on various Provincial territories. Applicants must have sound connections with Chemists, Stores, etc., and be able to produce results. Salary, commission and expenses. Reply, stating full particulars of experience and territories covered, Emmet Distributing Co. Ltd., 140, Park Lane, London, W.1.

KORAY, LTD., require two first-class Representatives, one for Wales, Worcs. and Northern Counties, and one for Devon, Isle of Wight, Cornwall, Somerset and Hampshire. Permanent career for man of experience and ability. Salary, commissions and expenses. Apply in writing, giving full details of career to date. We regret we cannot accept incomplete applications, but all letters will be answered. Koray House, 25 Hanover Square, London, W.1.

LABORATORY assistant required for wholesale and manufacturing business. Able to interview Doctors, Dentists and works Chemists. P. Jeyes & Co., Ltd., 6, The Drapery, Northampton.

LADY Pharmacist with good knowledge of therapeutics required for interesting position in provincial city. Apply, stating age, qualifications, experience and salary required, to 108/400, C. & D. Office.

LIPSTICK Manufacturing Department of cosmetic firm of world repute requires expert to take full charge from purchasing of raw materials to finished products. Must possess really complete knowledge in this field and proven past experience. Attractive prospects offered to satisfactory candidate. Write full particulars and past experience to Box 108/396, C. & D. Office.

MALE or female Cost and Invoice Clerk required. Must be fully conversant with Surgical Sundries. Write stating experience and salary required to the Medical Supply Association, Ltd., 167 Grays Inn Road, W.C.1.

MANUFACTURERS of High Class Pharmaceutical specialties require representatives commission basis. Must be well introduced. Re in confidence, stating lines carried and area covered, 109/439, C. & D. Office.

MANUFACTURING Chemist requires energetic Representatives, preferably with connections amongst doctors in London and Greater London districts. Applicants must have full knowledge Pharmaceutical Chemists, Drugs, Galenicals, etc. Apply in first instance, stating full experience a territory covered, to 105/298, C. & D. Office.

MANUFACTURING CHEMISTS require Experienced Assistant to take complete charge Ampoule Department. Replies, stating age, experience, and salary, to Managing Director, H. Brooke & Hirst, Ltd., Sheepscar Works, Leeds 7.

MANUFACTURING Chemists of Veterinary Medicines require Agents in all areas call on Chemists and Corn Merchants. Only men with good connections need apply. Generous commission basis only. Apply, with full particulars, 109/4 C. & D. Office.

MANUFACTURERS of well-known Pharmaceutical Products require Representatives with experience of medical propaganda. Territory vacant: Greater London and Southern Counties. Apply, giving particulars of experience, age and salary required, to 108/405, C. & D. Office.

MEDICAL Representative required for manufacturing house in North Midlands call on Doctors, Chemists and Hospitals. Remuneration by Salary, Commission and Expenses. F. available if required. Previous experience in medical representation desirable. Usual details, including age, experience and salary, to 109/419, C. & D. Office.

REPRESENTATIVE required, must have sound connection Chemists and Co-operative Societies in Yorkshire. Nationally advertised preparation £300 p.a. plus expenses to commence. State full age, experience, references in first instance. 109/4 C. & D. Office.

REQUIRED by leading Manufacturers' Agents representatives calling on Chemists, wholesalers and/or retail. Write 109/436, C. & D. Office.

REPRESENTATIVE (pharmacist—male) required for the Midlands area by distributors of ethical products to pharmacists only. Preference given one with good retail experience who has taken interest in local association or branch work. Commence £500 p.a., with generous car allowance. Good prospects. Duties commence September. 109/4 C. & D. Office.

REPRESENTATIVE required by firm of manufacturing chemists to represent them in Scotland carrying their own proprietary articles and sundries. Salary, commission, expenses and allowance. One with existing connection preferred. 109/417, C. & D. Office.

REPRESENTATIVES required to carry additional line on 10% commission in the following areas: 1, Scotland; 2, North-East; 3, Lancashire; 4, Yorkshire; 5, Midlands; 6, South Wales & West of England. Ample stocks available to experienced men who are well introduced to Retail Chemists. Please state lines already carried. 109/4 C. & D. Office.

REPRESENTATIVE required for West of England to carry pharmaceutical preparations and sundries. Salary, commission and expenses. Commence with established connections and car owner preferred. 105/302, C. & D. Office.

REPRESENTATIVE required for well-known Luxury Toilet Preparations (A-Class) to carry as an additional line on commission basis call on Chemists, Hairdressers, Department Stores (Perfumery and Drug Section) for various provincial areas. Only those who are well introduced to tailors should apply stating present lines carried a names of firms represented. Enclose reference first letter. 104/246, C. & D. Office.

PRESENTATIVES required by old-established Druggists' Sundries House. Well established action necessary in the following counties: W. Norfolk, Essex, Hertfordshire, Hampshire, etc. Salary, commission, expenses. Box 187, 100 Fleet Street, E.C.4.

PRESENTATIVES required, calling on Retail and Wholesale Chemists, Stores, etc. Quick-witted, D.D.T., Flypacks and Insecticides. Commission, Midlands and Southern Counties. Applicants, giving territory covered, to Wilsons, Mfg. Chemists, Carr House Rd., Doncaster.

REQUIRED. Girl with some knowledge pharmaceutical work, to assist manufacturing chemist in routine laboratory work. Apothecaries Certificate an advantage. Apply in first instance to "Chemist," 107/362, C. & D. Office.

SECRETARY. Well-educated young lady with pleasing personality required for interesting central work as secretary to the Chief Chemist of Martin Limited. Applicants must be fully experienced, willing, capable and used to modern office. Accurate and rapid shorthand and typing essential. Apply by letter, giving fullest details, to Laboratory, Bob Martin Limited, Southport.

BLET Maker required by a reputable firm of manufacturing chemists. Applicants must be conversant with all kinds of tablet making sugar coating, and must understand rotary presses. 5-day week. Apply in first instance to 441, C. & D. Office.

BLET and Pill Maker required by old established Manufacturing Chemists, London. Experience of sugar coating an advantage. Apply to 420, C. & D. Office.

ANTED Qualified Pharmacist with experience in the preparation of all types of ampoules. Apply to 106/319, C. & D. Office.

ANTED Qualified Pharmacist for Wholesale Department of Manufacturing Chemists in London. Reply to 106/320, C. & D. Office.

AREHOUSE foreman required, able to supervise Staff. Permanency. Full particulars of experience, Salary required, etc., in first letter. P. & Co. Ltd., 6, The Drapery, Northampton.

DUNG, ambitious CHEMIST required. Initially to test raw materials for building materials manufacturing company in North Kent, with prospect of being in charge of process development. Apply, stating age, experience and salary required, to 418, C. & D. Office.

DUNG Lady (Hall qualification) required for production of toilet preparations. Responsible position London, S.E. area. State full details of experience and salary required and when available to 48/385, C. & D. Office.

WHOLESALE (OVERSEAS)

APPLICATIONS are invited for Assistants in the overseas organisations (India and China) of a firm of international repute engaged in the manufacture of ethical medical products. The candidates, who will be required to control staff, should be married, age 25-28, of good education and appearance and preference will be given to those who have experience in the wholesale pharmaceutical trade and of dealing with medical men. Qualification in pharmacy or chemistry an advantage. A full salary and first-class travelling expenses will be paid. Apply to 107/363, C. & D. Office, giving full details, in confidence, of experience, age, height, and when available. Please enclose photograph.

REQUIRED for Malaya, a well-educated assistant under 30 with knowledge of drugs and sundries. Qualifications not essential, but must know the business and be accustomed to dealing with Doctors, Hospitals, Government institutions, etc. Four-year agreement, passage paid, home leave, commencing salary not less than S.\$400 per month. Write Box "W.Q.F.," c/o 95, Bishopsgate, London, E.C.2.

A YOUNG medical Copy-writer is required in the Bombay offices of firm of international repute engaged in the manufacture of ethical medical products. A knowledge of the advertising of pharmaceutical products and previous experience in medical copy-writing is essential. Adequate material will be supplied from the Head Offices. Ability to read French or German for the purpose of abstracting medical literature an advantage. A good salary and first-class travelling expenses will be paid. Apply to 107/364, C. & D. Office, giving details, in confidence, of experience, age, and when available. Please enclose photograph.

BOMBAY. Important pharmaceutical firm requires pharmacist as assistant to managing director. Qualification and general knowledge of the wholesale and manufacturing trade essential. Splendid opportunity for an able man. Applicants can be interviewed in London. Write in confidence to 108/392, C. & D. Office.

WELL known firm of manufacturers of pharmaceutical preparations requires the services of a representative for India. Applicants must have had similar experience in India and be capable of organising and controlling other representatives, some of whom will be native Indians. Apply, stating age, experience and salary required, to 108/399, C. & D. Office.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

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AS unqualified. Experienced Locum and General Assistant will give good help a few hours daily 1 till 6. Saturdays 10 till 6. Thorough dispenser-prescriber and used drug or surgical stores. Free 20th. Gibson, 31 Stansfield Road, Stockwell, S.W.9.

PHARMACIST, 29, single, requires position with good-class private pharmacist. Refresher course completed. F/O Taylor, Penderry, Port Isaac, Cornwall.

"HALL" lady, experienced secretary dispenser, suitable hospital, doctors, chemists; London, South or Continent; knowledge French. 109/437, C. & D. Office.

WHOLESALE

ENGLISHMAN, resident in South Africa, with South African qualifications, and desirous of returning to England, requires position. Age 42, married. Excellent knowledge South African conditions. Could undertake position in Export Dept. 16 years' experience wholesale and import trade, with special knowledge of requirements and equipping of hospitals. Would also consider purchase of, or partnership in, business. Capital available £1,500-£2,000. 106/337, C. & D. Office.

EXPERIENCED Representative, at present covering Kent, Sussex, etc., for exclusive toilets house, desires change to another firm in similar capacity on this area. Present salary £500. 109/434, C. & D. Office.

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CONTINENT. Qualified, available for holiday duty on Continent from July 22. French Riviera preferred. Excellent West End experience. 109/427, C. & D. Office.

LOCUM, disengaged July 28 to August 24, thoroughly competent, all round experience, manage or assist, reasonable terms, highest references. 109/431, C. & D. Office.

APPOINTMENTS

HILL END EMERGENCY HOSPITAL

ST. ALBAN'S

TEMPORARY ASSISTANT PHARMACIST (male or female) required. Three other pharmacists employed. Salary £320 per annum, rising by four increments of £15 and one of £20 to a maximum of £400 per annum. Accommodation can be found in the Hospital for female pharmacists at a charge of 29s. per week for full board, lodging and laundry. Apply, stating age, qualifications, particulars of experience to the Medical Director.

LOCUM PHARMACIST (Senior) at £8 10s. p.w. inclusive required at ST. HELIER COUNTY HOSPITAL, Wrythe Lane, Carshalton, FARNHAM COUNTY HOSPITAL, FARNHAM, and at EPSOM COUNTY HOSPITAL, Dorking Road, Epsom.

LOCUM PHARMACIST (Assistant) at £7 10s. p.w. inclusive required at ST. HELIER COUNTY HOSPITAL, Carshalton, BOTLEY'S PARK WAR HOSPITAL, Chertsey, and at EPSOM COUNTY HOSPITAL, Dorking Road, Epsom. Candidates must possess Ph.C. or Chemist or Druggist Qualification. Apply in writing to the Medical Superintendent of appropriate Hospital.

PHARMACIST (HOLIDAY RELIEF) wanted at the Essex County Council Hospital, Wanstead, for a period of three weeks on and from July 20, 1946. Inclusive salary at the rate of £8 8s. 0d. a week. Applications together with copies of not more than three recent testimonials, should be addressed to the Clerk of the Council, County Hall, Chelmsford, as soon as possible.

ROYAL VICTORIA & WEST HANTS HOSPITAL, BOURNEMOUTH

Society of Apothecaries Assistant required. Apply in writing immediately, stating age and experience. Salary in accordance with the recommended scale of the British Hospitals Association Joint Negotiating Committee (Hospital Staffs). Permanent appointment. Gordon M. Saul, Secretary.

MIDDLESEX COUNTY COUNCIL

ASSISTANT PHARMACISTS. Application invited from Registered Pharmacists for whole time appointments at:—CENTRAL MIDDLESEX COUNTY HOSPITAL, PARK ROYAL, N.W.10, CLARE HALL, COUNTY HOSPITAL, SOUTH MIMMS, MX., CHASE FARM HOSPITAL, ENFIELD, MX., HAREFIELD COUNTY HOSPITAL, HAREFIELD, MX., HILLINGDON COUNTY HOSPITAL, nr. UXBRIDGE, MX., NORTH MIDDLESEX COUNTY HOSPITAL, EDMONTON, N.18, WEST MIDDLESEX COUNTY HOSPITAL, ISLEWORTH, MX. Salary as recommended by Joint Negotiating Committee on Salaries and Wages (Hosp. Staffs); minimum commencing salary £320 p.a. inclusive by annual increments up to £400 p.a. Previous experience as assistant pharmacist may be taken into consideration in determining commencing salary. Established and pensionable, subject to medical examination. Recently qualified pharmacists considered at hospitals.

Application, stating age, qualifications and experience and enclosing copies of up to three recent testimonials to Medical Director of hospital where appointment required. Application forms not provided. (Male candidates should state position with regard to military service). Closing date 27th July, 1946. (A.5).

C. W. RADCLIFFE,

Clerk of the County Council.

Middlesex Guildhall,
Westminster, S.W.1.

RUNWELL HOSPITAL, NEAR WICKFORD, ESSEX

SENIOR ASSISTANT PHARMACIST required at the above mental hospital. Salary £365 per annum rising by five annual increments of £15 to a maximum of £440 per annum, less £20 per annum if emoluments of lunch and tea are taken. The appointment is subject to the provisions of the Asylums Officers' Superannuation Act, 1909, and to the Committee's Sick Pay regulations. Applications stating age, experience and qualifications, with copies of three recent testimonials, to the Physician Superintendent as soon as possible.

RUNWELL HOSPITAL NEAR WICKFORD, ESSEX

(1,032 Beds)

Applications are invited for the post of **ASSISTANT IN DISPENSING**, who holds the certificate of the Society of Apothecaries in London. Salary £220 per annum rising by five annual increments of £10 to £270 per annum, followed by long service increments of £10 per annum every four years to a maximum of £300 per annum, less £20 per annum if emoluments of lunch and tea are taken. The appointment is subject to the provisions of the Asylums Officers' Superannuation Act, 1909, and the Committee's Sick Pay regulations. Applications stating age, experience and qualifications, with copies of three recent testimonials, to the Physician Superintendent as soon as possible.

THE DISPENSARY, ST. BARTHOLOMEW'S HOSPITAL, LONDON, E.C.1.

Applications are invited for the posts of qualified Assistant Pharmacists (male) at the above Hospital. Salary in accordance with the J.N.C. Scale, experience being recognised. Applications, giving full particulars and accompanied by recent testimonials, should be sent forthwith, to the Pharmacist, St. Bartholomew's Hospital, E.C.1.

SURREY COUNTY COUNCIL

ARMACIST required at SURREY COUNTY Sanatorium, Milford, Nr. Godalming.

Must possess Ph.C. or Chemist and Druggist qualification. Salary on grade £370 annual increments of £15-£445 p.a. inclusive. The vacancy will occur in December, 1946.

SENIOR ASSISTANT PHARMACIST required at KINGSTON COUNTY HOSPITAL, Wotton Avenue, Kingston-on-Thames. Candidates must possess Ph.C. or Chemists and Druggist qualification, and should have had not less than three years hospital experience. Commencing salary on grade £365 by annual increments of £15-£440 p.a. inclusive.

ASSISTANT PHARMACIST at ST. HELIER HOSPITAL, Wrythe Lane, Carshalton. BOTLEY'S PARK HOSPITAL, Chertsey. Must possess Ph.C. or Chemist and Druggist qualification. Salary on grade £320 by annual increments of £15-£400 p.a. inclusive. Apply to Medical Superintendent of appropriate Hospital.

THORPE COMBE MATERNITY HOSPITAL

WALTHAMSTOW, E.17

Applications are invited for the whole-time post of Clerk/Dispenser at the above hospital.

Duties will include the charge of medical and surgical stock and the general duties of a small dispensary. The latter being very light.

Previous experience is desirable but the P.S. is not necessary. Experience in shorthand and typewriting is also desirable.

Applicants must be over 21 years of age and commencing salary will vary from £140 to £170 per annum according to age, plus bonus of £48 per annum.

Applications endorsed Clerk/Dispenser should be addressed to the undersigned.

G. A. BLAKELEY, Esq.,
Town Clerk.

Waltham Hall,
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